SHERIDAN

65

From
Warren,
Jan. 1913.
S. G. B.

THE STANDARD DIARY

For Sale by All Stationers.

PUBLISHED BY
THE STANDARD DIARY CO.

FOR IDENTIFICATION.

My Name.....

My Residence.....

.....

My Business Address.....

.....

My Home Telephone.....

My Office Telephone.....

In case of accident or serious Illness please notify

.....

.....

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The make of my Automobile.....

.....

Its number.....

Number on case of my Watch.....

Number of the works.....

Number of my Bank Book.....

My Weight was.....

On.....

and my Height.....*feet*.....*inches*

Size of Hat.....*Gloves*.....

" *Hosiery*.....*Collar*.....

" *Cuffs*.....*Shoes*.....

" *Shirt*.....*Drawers*.....

CALENDAR.

1913

JAN.	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
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CALENDAR.

1914

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DEC.	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
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RATES OF POSTAGE.

(Official at time of going to press, but subject to change.)

U. S. and Possessions, Canada, Mexico, Cuba and Shanghai.

First class (letters, etc.)	per oz.	2c
Second class (newspapers, periodicals)	4 "	1c
Third class (books, circulars)	2 "	1c
Fourth class (merchandise, etc.)	1 "	1c
Registration fee (extra postage)		10c
Special delivery (" ")		10c
Postal cards (reply cards 2c.)		1c
Local or drop letters (where no free delivery)	per oz.	1c

Mail for officers or members of the crew of the U. S. Navy, wherever stationed, at domestic rates.

REFORWARDING.—Letters will be forwarded from one post office to another upon the *written* request of the *person addressed* without additional charge; but unclaimed packages *cannot be returned to the sender* until stamps are furnished to pay the return postage.

ALL MAILABLE MATTER not included in the above, so prepared for mailing as to be *easily withdrawn from the wrapper* and examined, is classified as merchandise. Limit of weight 4 lbs. Full prepayment compulsory.

MONEY ORDERS.—For sums not exceeding $2.50, three cents; $2.50 to $5, five cents; $5 to $10, eight cents; $10 to $20, ten cents; $20 to $30, twelve cents; $30 to $40, fifteen cents; $40 to $50, eighteen cents; $50 to $60, twenty cents; $60 to $75, twenty-five cents; $75 to $100, thirty cents.

To Foreign Countries.

Letters for British Isles and Newfoundland	1 oz.,	2c
" for Germany	1 "	2c
(If sent by German steamer)		
" for other countries	1 "	5c
each additional oz. or fraction		3c
Postal Cards (reply cards, 4c)		2c
Newspapers and printed matter	2 oz.,	1c
Samples merchandise	first 4 "	2c
"	every additional 2 "	1c
Commercial papers	first 10 oz. or fraction	5c
"	every additional 2 oz.,	1c
Registration Fee (extra postage)		10c
Reply Coupons		6c
Parcel Post (enquire at P. O.)	per lb.	12c
Money Orders (enquire at P. O.)		

LEGAL HOLIDAYS.

In most States when the holiday falls on Sunday the Monday following is observed.

Legal Holidays in some States are observed as such only by common consent, or when appointed by the Governor, and not by legislative enactment.

ALABAMA—Jan. 1 and 19, Feb. 22, Mardi-Gras, Good Friday, April 13 and 26, June 3, July 4, Labor Day, Thanksgiving, Dec. 25.

ALASKA—Jan. 1, Feb. 22, July 4, Thanksgiving, Dec. 25.

ARIZONA—Jan. 1, Feb. 22, Arbor Day, May 30, July 4, Labor Day, election day, Thanksgiving, Dec. 25.

ARKANSAS—Jan. 1 and 19, Feb. 22, Arbor Day, July 4, Labor Day, Oct. 12, Thanksgiving. Dec. 25.

CALIFORNIA—Jan. 1, Feb. 12 and 22, Arbor Day, May 30, July 4, Labor Day, Sept. 9, Oct. 12, Thanksgiving, Dec. 25, gen. election.

COLORADO—Jan. 1, Feb. 12 and 22, Arbor Day, May 30, July 4, Aug. 1, 1st. Mon. in Sept., Oct. 12, Thanksgiving, Dec. 25, general election.

CONNECTICUT—Jan. 1, Feb. 12 and 22, Fast Day, Good Friday, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25.

DELAWARE—Jan. 1, Feb. 12 and 22, Good Friday, May 30, July 4, 1st Mon. in Sept., Oct. 12, Thanksgiving, Dec. 25, election day.

DISTRICT OF COLUMBIA—Jan. 1, Feb. 22, Inauguration Day, May 30, July 4, 1st Mon. in Sept., Thanksgiving, Dec. 25.

FLORIDA—Jan. 1 and 19, Arbor Day, Feb. 22, Good Friday, April 26, June 3, July 4, 1st Mon. in Sept., Thanksgiving Dec. 25, general election

GEORGIA—Jan. 1 and 19, Feb. 12 and 22, April 26, June 3, July 4, 1st Monday in Sept., any Thanksgiving, 1st Friday in December, Dec. 25.

HAWAII—Jan. 1, Feb. 22, May 30, June 11, July 4, Labor Day, Regatta Day, Thanksgiving, Dec. 25.

IDAHO—Jan. 1, Feb. 22, Arbor Day, July 4, Labor Day, Oct. 12, any day of Thanksg'g, Dec. 25, gen. election.

ILLINOIS—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, elec. days.

INDIANA—Jan. 1, Feb. 12 and 22, public fast, May 30, July 4, 1st Monday in Sept., Oct. 12, Thanksgiving, Dec. 25, general election.

IOWA—Jan. 1, Feb. 12 and 22, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election,

KANSAS—Feb. 12 and 22, May 30, public fast, July 4, 1st Monday in September, Oct. 12, Thanksgiving, Dec. 25, general election.

KENTUCKY—Jan. 1, Feb. 22, May 30. July 4, public fast, Labor Day, Oct. 12, Th'ksg'g, Dec. 25, gen. elec.

LOUISIANA—Jan. 1 and 8, Feb. 22, Mardi-Gras in New Orleans, Good Friday, June 3, July 4, All Saints Day, Labor Day (Orleans Parish), Thanksgiving, Dec. 25, general election.

MAINE—Jan. 1, Feb. 22, Arbor Day, April 19, May 30, July 4, 1st Mon. in Sept., Thanksg'g, Dec. 25, gen. elec.

MARYLAND—Jan. 1, Feb. 22, Arbor Day, Good Friday, May 30, July 4, 1st Monday in September, Sept. 12, Oct. 12, Thanksgiving, Dec. 25, general election.

MASSACHUSETTS—Feb. 22, April 19, May 30, July 4, 1st Monday in Sept., Oct. 12, Thanksgiving, Dec. 25.

MICHIGAN—Jan. 1, Feb 12 and 22, May 30, July 4, 1st Monday in September, Oct. 12, Fasting and Thanksgiving Day, Dec. 25, election days.

MINNESOTA—Jan. 1, Feb. 12 and 22, Good Friday, May 30, July 4, 1st Monday in September, Thanksgiving, Dec. 25, Arbor Day, general election.

MISSISSIPPI—Jan. 1, Feb. 22, April 26, June 3, July 4, Labor Day, Thanksgiving, Dec. 25.

MISSOURI—Jan. 1, Feb. 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, election days.

MONTANA—Jan. 1, Feb. 12 and 22, Arbor Day, May 30, public fast, July 4, 1st Monday in Sept., Oct. 12, Thanksgiving, Dec. 25, general election.

NEBRASKA—Jan. 1, Feb. 22, April 22, May 30, July 4, 1st Mon. in Sept., public fast, Thanksgiving, Dec. 25.

NEVADA—Jan. 1, Feb. 12 and 22, May 30, July 4, Oct. 31, Thanksgiving, Dec. 25, general election.

NEW HAMPSHIRE—Jan. 1, Feb. 22, Fast Day, May 30, July 4, 1st Monday in September, Thanksgiving, Dec. 25, general election.

NEW JERSEY—Jan. 1, Feb. 12 and 22, Good Friday, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, every Saturday P.M., general election.

NEW MEXICO—Jan. 1, Arbor Day, Feb. 22, May 30, Flag Day, July 4, Thanksgiving, Dec. 25, gen. elec.

NEW YORK—Jan. 1, Feb. 12 and 22, May 30, July 4, 1st Monday in Sept., Oct. 12, Thanksgiving, Dec. 25, general election, every Saturday P.M.

NORTH CAROLINA—Jan. 1 and 19, Feb. 22, April 12, May 10 and 20, July 4, Labor Day, Thanksgiving, Dec. 25, general election.

NORTH DAKOTA—Jan. 1, Feb. 12 and 22, May 30, elec. last Thursday in June, July 4, Arbor Day, Thanksgiving, public fast, Dec. 25, general election.

OHIO—Jan. 1, Feb. 22, May 30, July 4, 1st Monday in September, Thanksgiving, Dec. 25, general election.

OKLAHOMA—Jan. 1, Feb. 22, Arbor Day, May 30, July 4, Labor Day, Oct. 12, Thanksg'g, Dec. 25, elec. day.

OREGON—Jan. 1, Feb. 22, May 30, July 4, 1st Monday in September, public fast, Thanksgiving, Dec. 25, general election.

PENNSYLVANIA—Jan. 1, Feb. 12, spring election, Feb. 22, Good Friday, May 30, July 4, 1st Monday in Sept., Oct. 12, Thanksgiving, Dec. 25, general election, every Saturday P.M.

RHODE ISLAND—Jan. 1, Feb. 22, Arbor Day, May 30, July 4, 1st Monday in Sept., Oct. 12, Thanksgiving, Dec. 25, State election, general election, Flag Day.

SOUTH CAROLINA—Jan. 1 and 19, Feb. 22, May 10, June 3, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election.

SOUTH DAKOTA—Jan. 1, Feb. 12 and 22, May 30, Arbor Day, July 4, Labor Day, Thanksgiving, Dec. 25, general election.

TENNESSEE—Jan. 1, Feb. 22, Good Friday, 2d Friday in May, June 3, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, gen. election, every Sat. P.M.

TEXAS—Jan. 1, Feb. 22, March 2, April 21, June 3, July 4, 1st Mon. in September. Oct. 12, days of Fasting and Thanksgiving, Dec. 25, election day.

UTAH—Jan. 1, Feb. 12 and 22, April 15, May 30, July 4, July 24, 1st Monday in Sept., Thanksgiving, Dec. 25.

VERMONT—Jan. 1, Feb. 22, Fast Day, May 30, July 4, Aug. 16, Labor Day, Oct. 12, Thanksgiving, Dec. 25.

VIRGINIA—Jan. 1 and 19, Feb. 22, May 30, July 4, 1st Monday in September, Thanksgiving, Dec. 25, every Saturday P.M., general election

WASHINGTON—Jan. 1, Feb. 12 and 22, Decoration Day, July 4, 1st Monday in Sept., Oct. 12, Thanksgiving, Dec. 25, general election.

WEST VIRGINIA—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, any day of National Thanksgiving, Dec. 25, general election.

WISCONSIN—Jan. 1, Feb. 22, May 30, Arbor Day, July 4, 1st Monday in September, election 1st Tuesday in Sept., Thanksgiving, Dec. 25, general election.

WYOMING—Jan. 1, Feb. 12 and 22, Arbor Day, May 30, July 4, July 10, Labor Day, Thanksgiving, Dec. 25, gen. election.

POPULATION OF THE UNITED STATES.

	1910	1900
Alabama	2,138,093	1,828,697
Arizona	204,354	122,931
Arkansas	1,574,449	1,311,564
California	2,377,549	1,485,053
Colorado	799,024	539,700
Connecticut	1,114,756	908,420
Delaware	202,322	184,735
Dist. of Columbia	331,069	278,718
Florida	752,619	528,542
Georgia	2,609,121	2,216,331
Idaho	325,594	161,772
Illinois	5,638,591	4,821,550
Indiana	2,700,876	2,516,462
Iowa	2,224,771	2,231,853
Kansas	1,690,949	1,470,495
Kentucky	2,289,905	2,147,174
Louisiana	1,656,388	1,381,625
Maine	742,371	694,466
Maryland	1,294,450	1,188,044
Massachusetts	3,366,416	2,805,346
Michigan	2,810,173	2,420,982
Minnesota	2,075,708	1,751,394
Mississippi	1,797,114	1,551,270
Missouri	3,293,335	3,106,665
Montana	376,053	243,329
Nebraska	1,192,214	1,066,300
Nevada	81,875	42,335

POPULATION OF THE UNITED STATES—CONTINUED.

	1910	1900
New Hampshire	430,572	411,588
New Jersey	2,537,167	1,883,669
New Mexico	327,396	195,310
New York	9,113,614	7,268,894
North Carolina	2,206,287	1,893,810
North Dakota	577,056	319,146
Ohio	4,767,121	4,157,545
Oklahoma	1,657,155	790,391
Oregon	672,765	413,536
Pennsylvania	7,665,111	6,302,115
Rhode Island	542,674	428,556
South Carolina	1,515,400	1,340,316
South Dakota	583,888	401,570
Tennessee	2,184,789	2,020,616
Texas	3,896,542	3,048,710
Utah	373,351	276,749
Vermont	355,956	343,641
Virginia	2,061,612	1,854,184
Washington	1,141,990	518,103
West Virginia	1,221,119	958,800
Wisconsin	2,333,860	2,069,042
Wyoming	145,965	92,531
Alaska	64,356	63,592
Hawaii	191,909	154,001
Porto Rico	1,118,012	953,243
Military and Naval	55,608	91,219
United States	93,401,414	77,256,630

POPULATION OF PRINCIPAL CITIES.

	1910	1900
Akron, O.	69,067	42,728
Albany, N. Y.	100,253	94,151
Allentown, Pa.	51,913	35,416
Altoona, Pa.	52,127	38,973
Atlanta, Ga.	154,839	89,872
Atlantic City, N. J.	46,150	27,838
Baltimore, Md	558,485	508,957
Bay City, Mich.	45,166	27,628
Bayonne, N. J.	55,545	32,722
Binghamton, N.Y.	48,443	39,647
Birmingham, Ala.	132,685	38,415
Boston, Mass.	670,585	560,892
Bridgeport, Conn.	102,054	70,996
Brockton, Mass.	56,878	40,063
Brooklyn, N.Y.	1,634,351	1,166,582
Buffalo, N.Y.	423,715	352,387
Cambridge, Mass.	104,839	91,886
Camden, N. J.	94,538	75,935
Canton, O.	50,217	30,667
Charleston, S. C.	58,833	55,807
Chattanooga, Tenn.	44,604	30,154
Chicago, Ill.	2,185,283	1,698,575
Cincinnati, O.	364,463	325,902
Cleveland, O.	560,663	381,768
Columbus, O.	181,548	125,560
Covington, Ky.	53,270	42,938
Dallas, Tex.	92,104	42,638
Dayton, O.	116,577	85,333
Denver, Col.	213,381	133,859
Des Moines, Ia.	86,368	62,139
Detroit, Mich.	465,766	285,704
Duluth, Minn.	78,466	52,969
East St. Louis, Ill.	58,547	29,655
Elizabeth, N. J.	73,409	52,130
Erie, Pa.	66,525	52,733
Evansville, Ind.	69,647	59,007
Fall River, Mass.	119,295	104,863
Fort Wayne, Ind.	63,933	45,115
Fort Worth, Tex.	73,312	26,688
Grand Rapids, Mich.	112,571	87,565
Harrisburg, Pa.	64,186	50,167
Hartford, Conn.	98,915	79,850

POPULATION OF PRINCIPAL CITIES—CONTINUED.

	1910	1900
Haverhill, Mass.	44,115	37,175
Hoboken, N. J.	70,324	59,364
Holyoke, Mass.	57,730	45,712
Houston, Tex.	78,800	44,633
Indianapolis, Ind.	233.650	169,164
Jacksonville, Fla.	57,699	28,429
Jersey City, N. J.	267,779	206,433
Johnstown, Pa.	55,482	35,936
Kansas City, Kan.	82,331	51,418
Kansas City, Mo.	248,381	163,752
Lancaster, Pa.	47,227	41,459
Lawrence, Mass.	85,892	62,559
Lincoln, Neb.	43,973	40,169
Little Rock, Ark	45,941	38,307
Los Angeles, Cal.	319,198	102,479
Louisville, Ky.	223,928	204,731
Lowell, Mass.	106,294	94,969
Lynn, Mass.	89,336	68,513
Malden, Mass.	44,404	33,664
Manchester, N. H.	70,063	56,987
Memphis, Tenn.	131,105	102,320
Milwaukee, Wis.	373,857	285,315
Minneapolis, Minn.	301,408	202,718
Mobile, Ala.	51,521	38,469
Nashville, Tenn	110,364	80,865
Newark, N. J.	347,469	246,070
New Bedford, Mass.	96,652	62,442
New Britain, Conn.	43,916	25,998
New Haven, Conn.	133,605	108,027
New Orleans, La.	339,075	287,104
New York, N. Y.	4,766,883	3,437,202
Norfolk, Va.	67,452	46,624
Oakland, Cal.	150,174	66,960
Oklahoma City, Okla.	64,205	10,037
Omaha, Neb.	124,096	102,555
Passaic, N.J.	54,773	27,777
Paterson, N. J.	125,600	105,171
Pawtucket, R. I.	51,622	39,231
Peoria, Ill.	66,950	56,100
Philadelphia, Pa.	1,549,008	1,293,697
Pittsburg and Allegheny, Pa.	533,905	451,512
Portland, Me.	58,571	50,145
Portland, Ore.	207,214	90,426

POPULATION OF PRINCIPAL CITIES—CONTINUED.

	1910	1900
Providence, R. I.	224,326	175,597
Pueblo, Col.	44,395	28,157
Reading, Pa.	96,071	78,961
Richmond, Va.	127,628	85,050
Rochester, N. Y.	218,149	162,608
Rockford, Ill.	45,401	31,051
Sacramento, Cal.	44,696	29,282
Saginaw, Mich.	50,510	42,345
Saint Joseph, Mo.	77,403	102,979
Saint Louis, Mo.	687,029	575,238
Saint Paul, Minn.	214,744	163,065
Salem, Mass.	43,697	35,956
Salt Lake City, Utah.	92,777	53,531
San Antonio, Tex.	96,614	53,321
San Francisco, Cal.	416,912	342,782
Savannah, Ga.	65,064	54,244
Schenectady, N. Y.	72,826	31,682
Scranton, Pa.	129,867	102,026
Seattle, Wash.	237,194	80,671
Sioux City, Ia.	47,828	33,111
Somerville, Mass.	77,236	61,643
South Bend, Ind.	53,684	35,999
Spokane, Wash.	104,402	36,848
Springfield, Ill.	51,678	34,159
Springfield, Mass.	88,926	62,059
Springfield, O.	46,921	38,253
Syracuse, N. Y.	137,249	108,374
Tacoma, Wash.	83,743	37,714
Terre Haute, Ind.	58,157	36,673
Toledo, O.	168,497	131,822
Topeka, Kan.	43,684	33,608
Trenton, N. J.	96,815	73,307
Troy, N. Y.	76,813	60,651
Utica, N. Y.	74,419	56,383
Washington, D. C.	331,069	278,718
Waterbury, Conn	73,141	45,859
Wichita, Kan.	52,450	24,671
Wilkesbarre, Pa.	67,105	51,721
Wilmington, Del.	87,411	76,508
Worcester, Mass.	145,986	118,421
Yonkers, N. Y.	79,803	47,931
York, Pa.	44,750	33,708
Youngstown, O.	79,066	44,885

ECLIPSES FOR THE YEAR.

In the year 1913 there will be five Eclipses, three of the Sun and two of the Moon.

I. A TOTAL ECLIPSE OF THE MOON, March 22. Visible more or less to North America, the western portions of South America, eastern and central Asia, Australia, and the Pacific Ocean. Occurring as follows:

Standard.....	Eastern.	Central.	Mount.	Pacific.
	h. m.	h m.	h. m.	h. m.
Moon enters shadow	5 12 M.	4 12 M.	3 12 M.	2 12 M.
Total eclipse begins.	6 11 M.	5 11 M.	4 11 M.	3 11 M.
Middle of eclipse....		6 57 M.	4 57 M.	3 57 M.
Total eclipse ends..			5 44 M.	4 44 M.
Moon leaves shadow				5 42 M.

First contact of shadow, 52 degrees from the south point of the Moon's limb toward the east.
Magnitude of Eclipse, 1.575 (Moon's diameter, 1.0).

II. A PARTIAL ECLIPSE OF THE SUN, April 6. Visible to the northwestern portion of North America, the extreme eastern part of Siberia, and the Arctic Ocean. Occurring as a slight partial eclipse as follows:

Pacific Standard	Begins.	Ends.
	h. m.	h. m.
San Francisco, Cal.	8 33 M.	9 5 M.
Portland, Ore.	8 33 M.	9 40 M.
Victoria, B. C.	8 35 M.	9 52 M.
Virginia City, Nev.	8 50 M.	9 0 M.

III. A PARTIAL ECLIPSE OF THE SUN, August 31. Invisible. Visible to Greenland and the eastern portions of the Maritime Provinces of Canada.

IV. A TOTAL ECLIPSE OF THE MOON, September 15. Visible more or less to the greater part of North

America, the western portions of South America, Asia, Australia, and the Pacific Ocean. Occurring as follows:

Standard	Eastern.	Central.	Mount.	Pacific.
	h. m.	h. m.	h. m.	h. m.
Moon enters shadow	5 52 M.	4 52 M.	3 52 M.	2 52 M.
Total eclipse begins.		6 1 M.	5 1 M.	4 1 M.
Middle of eclipse ...			5 48 M.	4 48 M.
Total eclipse ends...				5 35 M.

First contact of shadow, 49 degrees from the north point of the Moon's limb toward the east.
Magnitude of eclipse, 1.435 (Moon's diameter, 1.0).

V. A Partial Eclipse of the Sun, September 30. Invisible. Visible to the southern end of Africa and the South Indian Ocean.

BUSINESS LAWS IN BRIEF.

It is a fraud to conceal a fraud.
A note given by a minor is void.
Ignorance of the law excuses no one.
A contract made with a lunatic is void.
A contract made with a minor is invalid.
The acts of one partner bind all the others.
An agreement without consideration is void.
The law compels no one to do impossibilities.
Contracts made on Sunday cannot be enforced.
Signatures made in lead pencil are good in law.
A receipt for money paid is not legally conclusive.
Principals are responsible for the acts of their agents.
It is not legally necessary to say on a note "for value received."
Each individual in a partnership is responsible for the whole amount of the debts of the firm.
Checks or drafts must be presented for payment without unreasonable delay.
If the time of payment of a note is not inserted, it is held payable on demand.
A note obtained by fraud, or from a person in a state of intoxication, cannot be collected.

WEIGHTS AND MEASURES.

MEASURE OF LENGTH.

4	In. = 1 Hand.	3	Feet = 1 Yard.
7.92	In. = 1 Link.	5½	Yds. = 1 Rod or Pole
18	In. = 1 Cubit.	40	Poles = 1 Furlong
12	In. = 1 Foot.	8	Fur. = 1 Mile.
6	Ft. = 1 Fathom.	69 1-6	Miles = 1 Degree.

60 Geographical Miles = 1 Degree.

1760 Yards } = 1 Mile.
5280 Feet }

MEASURE OF SURFACE.

144	Square Inches	= 1	Square Foot.
9	Square Feet	= 1	Square Yard.
30¼	Square Yards	= 1	Sq. Rod, Perch or Pole
40	Square Rods	= 1	Square Rood.
4	Square Roods	= 1	Acre.
	Gunter's Chain	= 22	Yards or 100 Links.
10	Square Chains	= 1	Acre.
640	Acres	= 1	Square Mile.
272¼	Square Feet	= 1	Square Rod.
43,560	Square Feet	= 1	Acre.

MEASURE OF SOLIDITY.

1728	Cubic Inches	= 1	Cubic Foot.
27	Cubic Feet	= 1	Cubic Yard.

AVOIRDUPOIS WEIGHT.

27 11/32	Grains	= 1	Drachm (dr.)	or 27 1/32	Grains
16	Drachms	= 1	Ounce (oz.)	or 437½	"
16	Ounces	= 1	Pound (lb.)	or 7000	"
28	Pounds	= 1	Quarter (qr.).		
4	Quarters	= 1	Hundred-Weight (cwt)		
20	Cwts.	= 1	Ton.		
2240	Pounds	= 1	Ton.		

TROY WEIGHT.

24	Grains	= 1	Pennyweight,	or 24	Grains.
20	Pennywts	= 1	Ounce,	or 480	"
12	Ounces	= 1	Pound,	or 5760	"

APOTHECARIES' WEIGHT.

20	Grains = 1 Scruple.	8	Drachms = 1 Ounce.
3	Scruples = 1 Drachm.	12	Ounces = 1 Pound.

INTEREST LAWS OF ALL THE STATES.

STATES AND TERRITORIES.	Days of Grace		Interest Rates		PENALTY OF USURY.
	Notes.	Sight Drafts.	Legal.	Special or Contract.	
Alabama	No	No	8	8 per ct.	Forft. of all int
Alaska	Yes	No	8	12 per ct.	
Arizona	No	No	6	No limit.	None
Arkansas	Yes	Yes	6	10 per ct.	Forft. principal & int.
California	No	No	7	No limit.	None
Colorado	No	No	8	No limit.	None
Connecticut	No	No	6	No limit.	None
Delaware	No	No	6	6 per ct.	Forfeiture principal.
District of Col.	No	No	6	10 per ct.	Forft. of entire int.
Florida	No	No	8	10 per ct.	Forft. of entire int.
Georgia	No	No	7	8 per ct.	Forft. of excess of int.
Hawaiian Isl'ds.	No	No	8	12 per ct.	
Idaho	No	No	7	12 per ct.	Fft. int. & 10 p. ct. prin.
Illinois	No	No	5	7 per ct.	Forft. of entire int.
Indiana	No	No	6	8 per ct.	Forft. int. over 6 p. ct.
Iowa	No	No	6	8 per ct.	Fft. int., costs, etc.
Kansas	No	No	6	10 per ct.	Fft twice ex over 10 pct
Kentucky	No	No	6	6 per ct.	Forft. excess of int
Louisiana	No	No	5	8 per ct.	Forft. of interest
Maine	No	Yes	6	No limit.	None
Maryland	No	No	6	6 per ct.	Forft. entire interest.
Massachusetts	No	Yes	6	No limit.	None
Michigan	No	No	5	7 per ct.	Forft. of interest
Minnesota	No	Yes	6	10 per ct.	Forft. of prin & int.
Mississippi	Yes	Yes	6	10 per ct.	Forft. of interest
Missouri	No	No	6	8 per ct.	Forfeiture 10 per cent
Montana	No	No	8	No limit.	None
Nebraska	No	No	7	10 per ct.	Forft. entire interest.
Nevada	Yes	No	7	No limit.	None
New Hampshire.	No	Yes	6	6 per ct.	Fft. treble exc. of int
New Jersey	No	No	6	6 per ct.	Forft. int. & costs
New Mexico	Yes	Yes	6	12 per ct.	Forft. dbl. amt. of int
New York	No	No	6	6 per ct.	Forft. of prin. & int.
North Carolina	No	No	6	6 per ct.	Fft. dbl. amt. of int.
North Dakota	No	No	7	12 per ct.	Forft. excess of int.
Ohio	No	No	6	8 per ct.	Forft. excess of int.
Oklahoma	Yes	Yes	6	10 per ct.	
Oregon	No	No	6	10 per ct.	Fft. prin. & int
Pennsylvania	No	No	6	6 per ct.	Forft. excess of int.
Philippine Isl'ds	No	No	6	No limit.	
Porto Rico	No	No	6	12 per ct.	
Rhode Island	No	Yes	6	No limit.	None
South Carolina	No	Yes	7	8 per ct.	Forfeit of interest
South Dakota	Yes	Yes	7	12 per ct.	Forft. int., fine, imp't
Tennessee	No	No	6	6 per ct.	Forft. excess of int
Texas	Yes	Yes	6	10 per ct.	Forft. entire interest.
Utah	No	No	8	12 per ct.	None
Vermont	No	No	6	6 per ct.	Forft. of excess
Virginia	No	No	6	6 per ct.	Forft. entire interest.
Washington	No	No	6	12 per ct.	Dbl. amt. int. & costs
West Virginia	No	No	6	6 per ct.	Forfeit. of excess int.
Wisconsin	No	No	6	10 per ct.	Fft. treble amt. ex. int.
Wyoming	No	No	8	12 per ct.	Forft. entire interest.

HELP! In Case of Accidents.

Drowning. **1.** Loosen clothing, if any. **2.** Empty lungs of water by laying body on its stomach and lifting by the middle so that the head hangs down. Jerk the body a few times. **3.** Pull tongue forward, using handkerchief, or pin with string, if necessary. **4.** Imitate motion of respiration by alternately compressing and expanding the lower ribs, about twenty times a minute. Alternately raising and lowering the arms from the sides up above the head will stimulate the action of the lungs. Let it be done gently but persistently. **5.** Apply warmth and friction to extremities. **6.** By holding tongue forward, closing the nostrils and pressing the "Adam's apple" back (so as to close entrance to stomach) direct inflation may be tried. Take a deep breath and breathe it forcibly into the mouth of patient, compress the chest to expel the air, and repeat the operation. **7.** DON'T GIVE UP! People have been saved after HOURS of patient, vigorous effort. **8.** When breathing begins get patient into a warm bed, give WARM drinks, or spirits in teaspoonfuls, fresh air and quiet.

Burns and Scalds. Cover with cooking soda and lay wet cloths over it. Whites of eggs and olive oil. Olive or linseed oil, plain or mixed with chalk or whiting.

Lightning. Dash cold water over a person struck.

Sunstroke. Loosen clothing. Get patient into shade and apply ice-cold water to head.

Mad Dog or Snake Bite. Tie cord tight above the wound. Suck the wound and cauterize with caustic or white-hot iron at once, or cut out adjoining parts with a sharp knife.

Venomous Insects' Stings, etc. Apply weak ammonia, oil, salt water or iodine.

Fainting. Place flat on back; allow fresh air and sprinkle with water.

Electricity. Release from current — not touching body or wire with hands, metal or a wet stick. Handle body by its clothing, with rubber gloves and shoes if possible; if not, cover hands with dry woolen cloth and stand on dry boards. Then induce artificial respiration as in a case of drowning. Rub limbs and massage body.

ANTIDOTES FOR POISONS.

First. Send for a Physician.

Second. INDUCE VOMITING, by tickling throat with feather or finger, drinking hot water or strong Mustard and water. Swallow Sweet Oil or whites of Eggs.

Acids are antidotes for ALKALIES, and *vice versa*.

SPECIAL POISONS AND ANTIDOTES.

Acids. MURIATIC. OXALIC. ACETIC. SULPHURIC (Oil of Vitriol). NITRIC (Aqua Fortis).	Soap-suds, Magnesia, Lime-water.
Prussic Acid.	Ammonia in water. Dash water in face.
Carbolic Acid.	Flour and water, mucilaginous drinks.
Alkalies. POTASH. LYE. HARTSHORN. AMMONIA.	Vinegar or Lemon juice in water.
Arsenic. Rat Poison. Paris Green.	Milk, raw Eggs, Sweet Oil, Lime-water, Flour and water.
Bug Poison. Lead. Saltpetre. Corrosive Sublimate. Sugar of Lead. Blue Vitriol.	Whites of Eggs, or Milk in large doses.
Chloroform. Chloral. Ether.	Dash cold water on head and chest. Artificial respiration. Piece of ice in rectum.
Carbonate of Soda. Copperas. Cobalt.	Soap-suds and mucilaginous drinks.
Iodine. Antimony. Tartar Emetic.	Starch and water. Astringent infusions. Strong tea.
Mercury AND ITS SALTS.	Whites of Eggs. Milk. Mucilages.
Nitrate of Silver. Lunar Caustic.	Salt and water.
Strychnine. Tinct. of Nux Vomica.	Mustard and water, Sulphate of Zinc. Absolute quiet. Plug the ears.

PRESIDENTS OF THE UNITED STATES.

No.	NAMES.	Born.	Inaugurated.	Term of Office.	Died.	Native of
1	GEORGE WASHINGTON	Feb. 22, 1732	April 30, 1789	8 years.....	Dec. 14, 1799	Virginia.
2	JOHN ADAMS.....	Oct. 31, 1735	Mar. 4, 1797	4 "	July 4, 1826	Mass.
3	THOMAS JEFFERSON...	April 2, 1743	" 4, 1801	8 "	" 4, 1826	Virginia.
4	JAMES MADISON.....	Mar. 16, 1751	" 4, 1809	8 "	June 28, 1836	"
5	JAMES MONROE.....	April 28, 1758	" 4, 1817	8 "	July 4, 1831	"
6	JOHN QUINCY ADAMS.	July 11, 1767	" 4, 1825	4 "	Feb. 23, 1848	Mass.
7	ANDREW JACKSON	Mar. 15, 1767	" 4, 1829	8 "	June 8, 1845	S. Carolina.
8	MARTIN VAN BUREN.	Dec. 5, 1782	" 4, 1837	4 "	July 24, 1862	New York.
9	WM. H. HARRISON ...	Feb. 9, 1773	" 4, 1841	1 month	April 4, 1841	Virginia.
10	JOHN TYLER.....	Mar. 29, 1790	April 6, 1841	3 yrs. 11 mos.	Jan. 18, 1862	"
11	JAMES K. POLK	Nov. 2, 1795	Mar. 4, 1845	4 years.....	June 15, 1849	N. Carolina.
12	ZACHARY TAYLOR.....	Sept. 24, 1784	" 4, 1849	1 year 4 mos..	July 9, 1850	Virginia.
13	MILLARD FILLMORE ..	Feb. 7, 1800	July 9, 1850	2 years 8 mos.	Mar. 7, 1874	New York.
14	FRANKLIN PIERCE....	Nov. 23, 1804	Mar. 4, 1853	4 years.....	Oct. 8, 1869	N. Hamp.
15	JAMES BUCHANAN....	April 23, 1791	" 4, 1857	4 "	June 1, 1868	Penn.
16	ABRAHAM LINCOLN...	Feb. 12, 1809	" 4, 1861	4 yrs. 40 days.	April 15, 1865	Kentucky.
17	ANDREW JOHNSON....	Dec. 29, 1808	April 15, 1865	3 yrs. 10½ mos.	July 31, 1875	N. Carolina.
18	ULYSSES S. GRANT ...	April 27, 1822	Mar. 4, 1869	8 years.....	July 23, 1885	Ohio.
19	RUTHERF'D B. HAYES	Oct. 4, 1822	" 5, 1877	4 "	Jan. 17, 1893	"
20	JAMES A. GARFIELD..	Nov. 19, 1831	" 4, 1881	6½ months....	Sept. 19, 1881	"
21	CHESTER A. ARTHUR.	Oct. 5, 1830	Sept. 20, 1881	3 yrs. 5½ mos.	Nov. 18, 1886	Vermont.
22	GROVER CLEVELAND..	Mar. 18, 1837	Mar. 4, 1885	4 years.....	June 24, 1908	New Jersey.
23	BENJAMIN HARRISON.	Aug. 20, 1833	" 4, 1889	4 "	Mar. 13, 1901	Ohio.
24	GROVER CLEVELAND..	Mar. 18, 1837	" 4, 1893	4 "	June 24, 1908	New Jersey.
25	WILLIAM MCKINLEY.	Jan. 29, 1843	" 4, 1897	4 yrs. 6½ mos.	Sept. 14, 1901	Ohio.
26	THEODORE ROOSEVELT	Oct. 27, 1858	Sept. 14, 1901	7 yrs. 5⅔ mos.	.....	New York.
27	WM. HOWARD TAFT.	Sept. 15, 1857	Mar. 4, 1909	.....	....	Ohio.

STANDARD TIME.

In this Almanac the risings and settings of the Sun and Moon are given in local mean time, as heretofore. The Tides are given in Standard Time.

To change to Standard Time add or subtract the *minutes* as given below, according as they are marked *plus* or *minus*.

Correction for the following Cities.

Eastern Standard.

75° Longitude.

	Minutes.
Bangor, Me.	— 25
Augusta, Me.	— 21
Portland, Me.	— 19
Boston, Mass.	— 16
Newport, R. I.	— 15
Providence, R. I.	— 14
Concord, N. H.	— 14
New London, Conn.	— 11
Springfield, Mass.	— 10
Montpelier, Vt.	— 10
Hartford, Conn.	— 9
Montreal, P. Q.	— 6
Albany, N. Y.	— 5
New York, N. Y.	— 4
Utica, N. Y.	+ 1
Philadelphia, Pa.	+ 1
Syracuse, N. Y.	+ 5
Baltimore, Md.	+ 6
Washington, D. C.	+ 8
Rochester, N. Y.	+ 11
Buffalo, N. Y.	+ 16
Pittsburg, Pa.	+ 20

Central Standard.

90° Longitude.

	Minutes.
Cleveland, Ohio.	— 33
Columbus, Ohio.	— 28
Detroit, Mich.	— 28
Toledo, Ohio	— 26
Dayton, Ohio	— 23
Cincinnati, Ohio	— 22
Louisville, Ky.	— 18
Indianapolis, Ind.	— 16
Chicago, Ill.	— 10
Milwaukee, Wis.	— 8
Springfield, Ill.	— 2
Memphis, Tenn.	0
New Orleans, La.	0
St. Louis, Mo.	+ 1
Rock Island, Ill.	+ 3
Dubuque, Iowa	+ 3
Burlington, Iowa.	+ 5
St. Paul, Minn.	+ 12
Des Moines, Iowa.	+ 14
Kansas City, Mo.	+ 18
Galveston, Texas.	+ 19
Omaha, Neb.	+ 24

Mountain Standard.

105° Longitude.

Denver, Col.	0
Salt Lake City, Utah,	+ 28

Pacific Standard.

120° Longitude.

Sacramento, Cal.	+ 6
San Francisco, Cal.	+ 10

TIDE TABLE.

To Find High Water (Standard Time) Add to, or Subtract from, High Water at New York.

EASTERN STANDARD.		H. M.	Mean Range. Feet.
Eastport, Me	add	2 37	18.2
Bar Harbor, Me	"	2 31	10.5
Rockland, Me	"	2 44	9.7
Portland, Me	"	2 52	8.9
Portsmouth, N. H	"	3 6	9.2
Isle of Shoals, N. H	"	3 1	8.7
Newburyport, Mass	"	3 6	7.9
Rockport, Mass	"	2 39	8.6
Gloucester, Mass	"	2 45	8.9
Salem, Mass	"	3 0	9.0
Marblehead, Mass	"	2 52	9.2
Nahant, Mass	"	2 53	9.3
Hull, Mass	"	2 53	9.5
Plymouth, Mass	"	3 2	9.6
Provincetown, Mass	"	3 10	9.2
Nantucket, Mass	"	4 9	3.1
Vineyard Haven, Mass	"	3 25	1.7
Wood's Hole (North Side), Mass	sub.	0 18	4.1
Wood's Hole (South Side), Mass	add	0 19	1.7
New Bedford Entrance (Dumpling Rock), Mass	sub.	0 17	3.8
Newport, R. I	"	0 31	3.5
Bristol, R. I	"	0 13	4.1
Providence, R. I	"	0 2	4.4
Point Judith, R. I	"	0 42	3.1
New Shoreham, Block Island, R. I	"	0 41	3.0
Watch Hill, R. I	add	0 36	2.7

EASTERN STANDARD.		H.	M.	Mean Range. Feet.
Stonington, Conn	add	0	57	2.7
New London, Conn	"	1	14	2.5
Norwich, Conn	"	1	55	3.1
New Haven, Conn	"	3	0	6.0
Bridgeport, Conn	"	3	2	7.2
Throg's Neck, N. Y	"	3	4	7.3
Montauk Point, L. I	"	0	7	2.0
Coney Island, L. I	sub.	0	29	4.7
West Point, N. Y	add	3	2	2.8
Long Branch, N. J	sub.	0	43	4.3
Ocean Grove, N. J	"	0	41	4.2
Cape May Landing, N. J	"	0	10	4.6
Newcastle, Del	add	3	40	6.4
League Island, Pa	"	5	26	5.4
Philadelphia, Pa	"	5	56	5.3
Annapolis, Md	sub.	3	12	0.9
Baltimore, Md	"	1	20	1.2
Old Point Comfort, Va	add	0	49	2.5
Richmond, Va	sub.	3	32	3.7
Hatteras Inlet, N. C	"	0	53	2.0
Beaufort, N. C	"	0	32	2.8
Charleston (C. H. Wharf), S. C	"	0	15	5.2
CENTRAL STANDARD.				
Fort Pulaski (Savannah Ent.), Ga	sub.	1	18	6.9
Savannah (Dry Dock Wharf), Ga	"	0	23	6.5
Jacksonville, Fla	add	0	19	1.0
St. Augustine, Fla	sub.	0	14	4.2
Key West, Fla	add	0	47	1.2
Tampa Bay (Egmont Key), Fla	"	3	3	1.4
Cedar Keys (Depot Key), Fla	"	4	39	2.4

VALUES OF FOREIGN COINS.

The following estimate, by the Director of the Mint, of the values of Foreign Coins, is proclaimed by the Secretary of the Treasury, in pursuance of the provisions of section 25 of the Act of August 28, 1894, to be the values of such coins in terms of the money of account of the United States, to be followed in estimating the value of all foreign merchandise exported to the United States on or after January 1, 1912, expressed in any of such metallic currencies:

Country.	Standard.	Monetary Unit.	Value.
			D. C M.
Argentine Rep...	Gold	Peso	0 96 5
Austria-Hungary	Gold	Crown	0 20 3
Belgium	Gold	Franc	0 19 3
Bolivia	Gold	Boliviano	0 38 9
Brazil	Gold	Milreis	0 54 6
Canada	Gold	Dollar	1 0 0
Costa Rica	Gold	Colon	0 46 5
Chili	Gold	Peso	0 36 5
China	Silver	Tael.. Shanghai..	0 59 9
		Tael.. Haikwan.. (Customs).	0 66 7
Colombia	Gold	Dollar	1 0 0
Denmark	Gold	Crown	0 26 8
Ecuador	Gold	Sucre	0 48 7
Egypt	Gold	Pound (100 piastres)	4 94 3
Finland	Gold	Mark	0 19 3
France	Gold	Franc	0 19 3
German Empire.	Gold	Mark	0 23 8
Great Britain....	Gold	Pound sterling	4 86 6½
Greece	Gold	Drachma	0 19 3
Hayti	Gold	Gourde	0 96 5
India (British) ..	Gold	Rupee	0 32 4⅓
Italy	Gold	Lira	0 19 3
Japan	Gold	Yen	0 49 8
Liberia	Gold	Dollar	1 0 0

VALUES OF FOREIGN COINS.

COUNTRY.	STANDARD.	MONETARY UNIT.	VALUE.
Mexico	Gold	Peso	0 49 8
Netherlands	Gold	Florin	0 40 2
Newfoundland	Gold	Dollar	1 1 4
Norway	Gold	Crown	0 26 8
Panama	Gold	Balboa	1 0 0
Persia	Gold	Kran	0 17 04
Peru	Gold	Libra	4 86 6½
Philippine Islds.	Gold	Peso	0 50 0
Portugal	Gold	Milreis	1 8 0
Russia	Gold	Ruble	0 51 5
Spain	Gold	Peseta	0 19 3
Sweden	Gold	Crown	0 26 8
Switzerland	Gold	Franc	0 19 3
Turkey	Gold	Piaster	0 4 4
Uruguay	Gold	Peso	1 3 4
Venezuela	Gold	Bolivar	0 19 3

FESTIVALS AND FASTS.

Epiphany	Jan. 6
Septuagesima Sunday	Jan. 19
Quinquagesima—Shrove Sunday	Feb. 2
Ash Wednesday	Feb. 5
First Sunday in Lent	Feb. 9
Palm Sunday	Mar. 16
St. Patrick	Mar. 17
Good Friday	Mar. 21
Easter Sunday	Mar. 23
Low Sunday	Mar. 30
Rogation Sunday	April 27
Ascension Day—Holy Thursday	May 1
Pentecost—Whit Sunday	May 11
Trinity Sunday	May 18
Corpus Christi	May 22
St. John Baptist	June 24
Michaelmas Day	Sept. 29
St. Andrew	Nov. 30
First Sunday in Advent	Nov. 30
Christmas Day	Dec. 25

SHORT METHOD FOR CALCULATING INTEREST.

Multiply the principal by as many hundredths as there are days, and

For	4	per cent	.....	Divide by	90
"	5	" "	.....	" "	72
"	6	" "	.....	" "	60
"	7	" "	.....	" "	52
"	8	" "	.....	" "	45
"	9	" "	.....	" "	40
"	10	" "	.....	" "	36
"	12	" "	.....	" "	30

EXAMPLE—INTEREST on $50 for 30 days at 4%. 50 x .30 = 15.00, which divided by 90 = 16⅔ cents—the required result.

THE SEASONS.

	Eastern Standard.	Central Standard.
Vernal Equinox.....	Mar. 21, 0h. M.	Mar. 20, 11h. A.
Summer Solstice.....	June 21, 8h. A.	June 21, 7h. A.
Autumnal Equinox..	Sept. 23, 10h. M.	Sept. 23, 9h. M.
Winter Solstice.....	Dec. 22, 5h. M.	Dec. 22, 4h. M.

	Mountain Standard.	Pacific Standard.
Vernal Equinox.....	Mar. 20, 10h. A.	Mar. 20, 9h. A.
Summer Solstice.....	June 21, 6h. A.	June 21, 5h. A.
Autumnal Equinox..	Sept. 23, 8h. M.	Sept. 23, 7h. M.
Winter Solstice.....	Dec. 22, 3h. M.	Dec. 22, 2h. M.

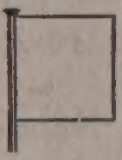
TO FIND LENGTH OF DAY OR NIGHT.

At any time of the year add 12 hours to the time of the sun's setting, and from the sum subtract the time of rising for the length of the day. Subtract the time of setting from 12 hours, and to the remainder add the time of rising next morning for the length of the night. These rules are equally true for apparent time.

WEATHER BUREAU.

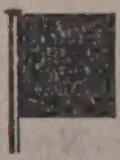
Explanation of Flag Signals.

No. 1.
White Flag.



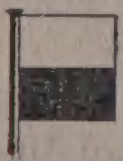
Fair Weather.

No. 2.
Blue Flag.



Rain or Snow.

No. 3.
White and Blue Flag.



Local Rain or Snow.

No. 4.
Black Triangular Flag.

Temperature.

No. 5.
White Flag, Black Center.

Cold Wave.

No. 1, alone, indicates fair weather, stationary temperature.

No. 2, alone, indicates rain or snow, stationary temperature.

No. 3, alone, indicates local rain or snow, stationary temperature.

No. 1, with No. 4 above it, indicates fair weather, warmer.

No. 1, with No. 4 below it, indicates fair weather, colder.

No. 2, with No. 4 above it, indicates rain or snow, warmer.

No. 2, with No. 4 below it, indicates rain or snow, colder.

No. 3, with No. 4 above it, indicates local rain or snow, warmer.

No. 3, with No. 4 below it, indicates local rain or snow, colder.

No. 1, with No. 5 above it, indicates fair weather, cold wave.

No. 2, with No. 5 above it, indicates wet weather, cold wave.

Forecasts made at 10.00 A. M., and displayed between 12.00 and 1.00 P. M., forcasts the weather for the following day until 8.00 P.M

☞ In this Almanac the risings and settings of the Sun and Moon are given in local mean time, as heretofore. The Tides are given in Standard Time.

The Calendars for the Latitude of Boston and Chicago

May be used for Central and Southern New England, Central New York, Southern Michigan, Southern Wisconsin, Northern Iowa, Northern Nebraska, South Dakota, and Wyoming.

The Calendars for the Latitude of New York and Philadelphia

May be used for Southern New York, New Jersey, Pennsylvania, Northern Ohio, Northern Indiana, Northern Illinois, Southern Iowa, and Southern Nebraska.

The Calendars for the Latitude of Washington, Cincinnati, etc.

May be used for Delaware, Maryland, the Virginias, Southern Ohio, Southern Indiana, Southern Illinois, Kentucky, Missouri, Kansas, and Colorado.

THE SIZE OF THE SEAS.

	Miles long.
Mediterranean	2,000
Caribbean	1,800
Red	1,400
Black	932
Baltic	600

AREA OF OCEANS IN SQUARE MILES.

Pacific	70,000,000
Atlantic	35,000,000
Indian	23,000,000
Southern	7,000,000
Arctic	4,000,000

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
New Moon	7d. 5h. 28m. a.m.	7d. 4h. 28m. a.m.
First Quarter . . .	15d. 11h. 2m. a.m.	15d. 10h. 2m. a.m.
Full Moon	22d. 10h. 40m. a.m.	22d. 9h. 40m. a.m.
Last Quarter . . .	29d. 2h. 34m. a.m.	29d. 1h. 34m. a.m.

1913		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	We	r7 30	1 48	5 55	r7 24	1 45	2 53	r7 19	1 44
2	Th	s4 39	3 0	6 53	s4 44	2 56	3 50	s4 49	2 52
3	Fr	r7 30	4 10	7 51	r7 25	4 5	4 48	r7 19	3 59
4	Sa	s4 41	5 18	8 48	s4 46	5 12	5 45	s4 51	5 5
5	S	r7 30	6 22	9 42	r7 25	6 15	6 40	r7 19	6 7
6	Mo	s4 43	7 19	10 34	s4 48	7 12	7 30	s4 53	7 4
7	Tu	r7 30	sets	11 20	r7 25	sets	8 15	r7 19	sets
8	We	s4 45	5 48	.....	s4 50	5 54	9 0	s4 55	6 0
9	Th	r7 29	6 52	0 23	r7 24	6 56	9 42	r7 19	7 2
10	Fr	s4 47	7 56	1 4	s4 52	7 59	10 20	s4 57	8 3
11	Sa	r7 29	8 59	1 42	r7 24	9 1	10 55	r7 19	9 4
12	S	s4 49	10 1	2 19	s4 54	10 2	11 32	s4 59	10 3
13	Mo	r7 28	11 2	2 54	r7 23	11 1	.....	r7 18	11 2
14	Tu	s4 51	morn	3 33	s4 56	morn	0 31	s5 1	morn
15	We	r7 27	0 5	4 15	r7 23	0 3	1 14	r7 18	0 2
16	Th	s4 54	1 10	5 3	s4 58	1 7	2 1	s5 3	1 5
17	Fr	r7 26	2 20	5 57	r7 22	2 15	2 55	r7 17	2 11
18	Sa	s4 56	3 33	6 59	s5 1	3 27	3 56	s5 5	3 21
19	S	r7 25	4 47	8 5	r7 20	4 40	5 1	r7 16	4 33
20	Mo	s4 59	5 58	9 11	s5 3	5 51	6 9	s5 8	5 43
21	Tu	r7 24	6 59	10 16	r7 19	6 52	7 13	r7 15	6 45
22	We	s5 1	rises	11 13	s5 5	rises	8 7	s5 10	rises
23	Th	r7 22	6 25	.....	r7 18	6 29	9 3	r7 14	6 34
24	Fr	s5 4	7 47	0 30	s5 8	7 49	9 52	s5 12	7 53
25	Sa	r7 21	9 6	1 18	r7 17	9 7	10 36	r7 12	9 9
26	S	s5 6	10 23	2 4	s5 10	10 22	11 21	s5 14	10 22
27	Mo	r7 20	11 37	2 49	r7 15	11 34	.....	r7 11	11 33
28	Tu	s5 9	morn	3 35	s5 13	morn	0 34	s5 17	morn
29	We	r7 17	0 49	4 26	r7 13	0 45	1 25	r7 10	0 43
30	Th	s5 11	2 1	5 23	s5 15	1 56	2 21	s5 19	1 51
31	Fr	r7 15	3 11	6 25	r7 12	3 5	3 22	r7 8	2 58

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
New Moon	6d. 0h. 22m. a.m.	5d. 11h. 22m. p.m.
First Quarter	14d. 3h. 34m. a.m.	14d. 2h. 34m. a.m.
Full Moon	20d. 9h. 3m. p.m.	20d. 8h. 3m. p.m.
Last Quarter	27d. 4h. 15m. p.m.	27d. 3h. 15m. p.m.

1913		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R.& S. *h. m.*	Moon R. & S. *h. m.*	Bost. Tide. Morn'g	Sun R.& S. *h. m.*	Moon R. & S. *h. m.*	N. Y. Tide. Morn'g	Sun R.& S. *h. m.*	Moon R. & S. *h. m.*
1	Sa	r7 14	4 17	7 29	r7 11	4 10	4 26	r7 7	4 2
2	S	s5 15	5 16	8 30	s5 19	5 9	5 27	s5 22	5 1
3	Mo	r7 12	6 5	9 25	r7 9	5 58	6 24	r7 5	5 50
4	Tu	s5 18	6 44	10 15	s5 21	6 38	7 12	s5 25	6 31
5	We	r7 10	sets	11 0	r7 7	sets	7 54	r7 3	sets
6	Th	s5 20	5 48	11 38	s5 24	5 52	8 34	s5 27	5 56
7	Fr	r7 8	6 51	.....	r7 5	6 53	9 12	r7 1	6 57
8	Sa	s5 23	7 53	0 31	s5 26	7 54	9 47	s5 29	7 56
9	S	r7 5	8 54	1 6	r7 2	8 54	10 19	r6 59	8 55
10	Mo	s5 26	9 56	1 40	s5 28	9 55	10 52	s5 32	9 54
11	Tu	r7 3	10 59	2 16	r7 0	10 56	11 29	r6 57	10 55
12	We	s5 29	morn	2 52	s5 31	morn	.....	s5 34	11 57
13	Th	r7 0	0 5	3 34	r6 57	0 1	0 32	r6 55	morn
14	Fr	s5 31	1 15	4 25	s5 33	1 10	1 24	s5 36	1 4
15	Sa	r6 57	2 27	5 26	r6 55	2 21	2 24	r6 52	2 14
16	S	s5 33	3 38	6 35	s5 36	3 31	3 32	s5 38	3 23
17	Mo	r6 55	4 42	7 47	r6 52	4 35	4 44	r6 50	4 27
18	Tu	s5 36	5 35	8 58	s5 38	5 28	5 56	s5 41	5 22
19	We	r6 52	6 18	10 1	r6 49	6 13	6 59	r6 47	6 7
20	Th	s5 38	rises	10 56	s5 41	rises	7 50	s5 43	rises
21	Fr	r6 49	6 37	11 44	r6 46	6 39	8 40	r6 44	6 41
22	Sa	s5 41	7 56	0 6	s5 43	7 56	9 26	s5 45	7 57
23	S	r6 46	9 14	0 49	r6 44	9 12	10 9	r6 42	9 12
24	Mo	s5 43	10 31	1 34	s5 45	10 28	10 50	s5 47	10 26
25	Tu	r6 43	11 47	2 18	r6 41	11 42	11 37	r6 39	11 38
26	We	s5 46	morn	3 5	s5 48	morn	0 2	s5 49	morn
27	Th	r6 40	1 1	3 57	r6 38	0 55	0 56	r6 36	0 49
28	Fr	s5 48	2 10	4 58	s5 50	2 3	1 56	s5 51	1 56
..	...	.....	.....	.....	.....	.....	.....	.....	.....
..	...	.....	.....	.....	.....	.....	.....	.....	.....
.	...	.....	.....	.....	.....	.....	.....	.....	.....

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION,	CENTRAL DIVISION.
New Moon	7d. 7h. 22m. p.m.	7d. 6h. 22m. p.m.
First Quarter . . .	15d. 3h. 58m. p.m.	15d. 2h. 58m. p.m.
Full Moon	22d. 6h. 56m. a.m.	22d. 5h. 56m. a.m.
Last Quarter . . .	29d. 7h. 58m. a.m.	29d. 6h. 58m. a.m.

1913		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Sa	r6 36	3 11	6 4	r6 35	3 3	3 1	r6 33	2 56
2	S	s5 51	4 3	7 8	s5 52	3 56	4 5	s5 53	3 48
3	Mo	r6 33	4 45	8 10	r6 32	4 39	5 6	r6 30	4 32
4	Tu	s5 53	5 18	9 3	s5 54	5 12	6 1	s5 56	5 7
5	We	r6 30	5 45	9 49	r6 29	5 40	6 47	r6 28	5 36
6	Th	s5 56	6 8	10 31	s5 57	6 5	7 27	s5 58	6 2
7	Fr	r6 27	sets	11 7	r6 26	sets	8 2	r6 25	sets
8	Sa	s5 58	6 46	11 40	s5 59	6 46	8 36	s6 0	6 47
9	S	r6 23	7 48	.....	r6 22	7 47	9 11	r6 22	7 47
10	Mo	s6 0	8 51	0 29	s6 1	8 49	9 45	s6 2	8 47
11	Tu	r6 20	9 57	1 5	r6 19	9 53	10 20	r6 19	9 51
12	We	s6 3	11 5	1 42	s6 3	11 0	10 56	s6 4	10 56
13	Th	r6 16	morn	2 22	r6 16	morn	11 40	r6 15	morn
14	Fr	s6 5	0 15	3 8	s6 5	0 9	0 6	s6 6	0 3
15	Sa	r6 13	1 24	4 3	r6 13	1 17	1 2	r6 12	1 9
16	S	s6 7	2 29	5 9	s6 8	2 21	2 7	s6 8	2 14
17	Mo	r6 9	3 26	6 22	r6 9	3 19	3 20	r6 9	3 11
18	Tu	s6 10	4 11	7 36	s6 10	4 5	4 32	s6 10	3 59
19	We	r6 6	4 46	8 43	r6 6	4 41	5 41	r6 6	4 37
20	Th	s6 12	5 16	9 41	s6 12	5 13	6 39	s6 12	5 11
21	Fr	r6 3	5 42	10 33	r6 3	5 40	7 29	r6 3	5 40
22	Sa	s6 14	rises	11 16	s6 14	rises	8 10	s6 14	rises
23	S	r5 59	8 5	11 59	r5 59	8 3	8 57	r6 0	8 1
24	Mo	s6 16	9 23	0 20	s6 16	9 19	9 40	s6 15	9 15
25	Tu	r5 56	10 40	1 4	r5 56	10 35	10 24	r5 57	10 29
26	We	s6 18	11 54	1 51	s6 18	11 48	11 10	s6 17	11 41
27	Th	r5 52	morn	2 41	r5 53	morn	.....	r5 53	morn
28	Fr	s6 21	1 1	3 35	s6 20	0 54	0 34	s6 19	0 46
29	Sa	r5 49	1 58	4 35	r5 49	1 50	1 34	r5 50	1 43
30	S	s6 23	2 44	5 39	s6 22	2 37	2 37	s6 21	2 30
31	Mo	r5 45	3 21	6 41	r5 46	3 15	3 38	r5 47	3 9

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
New Moon	6d. 0h. 48m. p.m.	6d. 11h. 48m. a.m.
First Quarter	14d. 0h. 39m. a.m.	13d. 11h. 39m. p.m.
Full Moon	20d. 4h. 33m. p.m.	20d. 3h. 33m. p.m.
Last Quarter	28d. 1h. 9m. a.m.	28d. 0h. 9m. a.m.

1913		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R.& S. *h. m.*	Moon R. & S. *h. m.*	Bost. Tide. Morn'g	Sun R.& S. *h. m.*	Moon R. & S. *h. m.*	N. Y. Tide. Morn'g	Sun R.& S. *h. m.*	Moon R. & S. *h. m.*
1	Tu	r5 43	3 50	7 39	r5 44	3 45	4 35	r5 46	3 41
2	We	s6 26	4 14	8 29	s6 25	4 10	5 25	s6 24	4 8
3	Th	r5 40	4 34	9 13	r5 41	4 31	6 11	r5 43	4 30
4	Fr	s6 29	4 52	9 53	s6 27	4 51	6 51	s6 26	4 50
5	Sa	r5 36	5 10	10 30	r5 38	5 10	7 26	r5 39	5 11
6	S	s6 31	sets	11 5	s6 29	sets	7 59	s6 28	sets
7	Mo	r5 33	7 48	11 39	r5 35	7 45	8 35	r5 36	7 42
8	Tu	s6 33	8 57	.....	s6 32	8 52	9 14	s6 30	8 48
9	We	r5 30	10 6	0 34	r5 31	10 0	9 53	r5 33	9 54
10	Th	s6 35	11 15	1 17	s6 34	11 8	10 36	s6 32	11 1
11	Fr	r5 26	morn	2 4	r5 28	morn	11 24	r5 30	morn
12	Sa	s6 38	0 22	2 55	s6 36	0 14	.....	s6 34	0 7
13	S	r5 23	1 20	3 53	r5 25	1 13	0 52	r5 27	1 5
14	Mo	s6 40	2 7	5 1	s6 38	2 1	1 59	s6 36	1 54
15	Tu	r5 20	2 45	6 11	r5 22	2 40	3 9	r5 24	2 34
16	We	s6 42	3 17	7 18	s6 40	3 13	4 15	s6 38	3 9
17	Th	r5 17	3 43	8 20	r5 19	3 41	5 16	r5 21	3 39
18	Fr	s6 44	4 6	9 12	s6 42	4 5	6 10	s6 39	4 5
19	Sa	r5 14	4 29	10 2	r5 16	4 30	7 0	r5 19	4 32
20	S	s6 46	rises	10 48	s6 44	rises	7 43	s6 41	rises
21	Mo	r5 10	8 12	11 32	r5 13	8 7	8 27	r5 16	8 3
22	Tu	s6 49	9 31	.....	s6 46	9 25	9 16	s6 43	9 19
23	We	r5 7	10 42	0 41	r5 10	10 35	10 4	r5 13	10 28
24	Th	s6 51	11 45	1 31	s6 48	11 37	10 50	s6 45	11 30
25	Fr	r5 4	morn	2 21	r5 7	morn	11 44	r5 10	morn
26	Sa	s6 53	0 37	3 14	s6 50	0 30	0 12	s6 47	0 22
27	S	r5 1	1 18	4 10	r5 4	1 12	1 9	r5 8	1 5
28	Mo	s6 55	1 51	5 7	s6 52	1 46	2 5	s6 49	1 40
29	Tu	r4 59	2 17	6 2	r5 2	2 13	3 0	r5 5	2 9
30	We	s6 58	2 38	6 55	s6 54	2 35	3 52	s6 51	2 33
..	...	.....	.....	.....	.....	.....	.....	.....	.....

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
New Moon	6d. 3h. 24m. a.m.	6d. 2h. 24m. a.m.
First Quarter . . .	13d. 6h. 45m. a.m.	13d. 5h. 45m. a.m.
Full Moon	20d. 2h. 18m. a.m.	20d. 1h. 18m. a.m.
Last Quarter . . .	27d. 7h. 4m. p.m.	27d. 6h. 4m. p.m.

1913		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. *h. m.*	Moon R. & S. *h. m.*	Bost. Tide. Morn'g	Sun R. & S. *h. m.*	Moon R. & S. *h. m.*	N. Y. Tide. Morn'g	Sun R. & S. *h. m.*	Moon R. & S. *h. m.*
1	Th	r4 56	2 57	7 43	r4 59	2 55	4 40	r5 3	2 55
2	Fr	s7 0	3 15	8 28	s6 56	3 14	5 25	s6 53	3 15
3	Sa	r4 53	3 33	9 10	r4 57	3 34	6 7	r5 0	3 35
4	S	s7 2	3 51	9 50	s6 58	3 53	6 48	s6 55	3 56
5	Mo	r4 50	4 12	10 30	r4 54	4 15	7 26	r4 58	4 20
6	Tu	s7 4	sets	11 10	s7 1	sets	8 5	s6 57	sets
7	We	r4 48	9 6	11 52	r4 52	9 0	8 48	r4 56	8 53
8	Th	s7 6	10 14	0 14	s7 3	10 7	9 37	s6 58	9 59
9	Fr	r4 46	11 15	1 3	r4 49	11 8	10 25	r4 54	11 0
10	Sa	s7 9	morn	1 55	s7 5	11 59	11 17	s7 0	11 52
11	S	r4 43	0 6	2 49	r4 47	morn	.....	r4 52	morn
12	Mo	s7 11	0 47	3 47	s7 7	0 41	0 46	s7 2	0 36
13	Tu	r4 41	1 19	4 49	r4 45	1 15	1 47	r4 50	1 11
14	We	s7 13	1 45	5 51	s7 9	1 42	2 49	s7 4	1 40
15	Th	r4 39	2 8	6 52	r4 43	2 7	3 49	r4 48	2 6
16	Fr	s7 15	2 31	7 49	s7 11	2 31	4 45	s7 6	2 32
17	Sa	r4 37	2 54	8 42	r4 41	2 56	5 40	r4 46	2 58
18	S	s7 17	3 18	9 34	s7 12	3 21	6 32	s7 8	3 25
19	Mo	r4 35	3 45	10 23	r4 40	3 50	7 20	r4 44	3 55
20	Tu	s7 19	rises	11 12	s7 14	rises	8 5	s7 9	rises
21	We	r4 33	9 30	11 59	r4 38	9 23	8 57	r4 43	9 15
22	Th	s7 21	10 27	0 24	s7 16	10 20	9 47	s7 11	10 12
23	Fr	r4 32	11 13	1 14	r4 36	11 6	10 33	r4 41	10 59
24	Sa	s7 23	11 49	2 3	s7 18	11 43	11 21	s7 13	11 37
25	S	r4 30	morn	2 51	r4 35	morn	.....	r4 40	morn
26	Mo	s7 25	0 18	3 37	s7 19	0 13	0 36	s7 14	0 9
27	Tu	r4 28	0 41	4 25	r4 34	0 38	1 23	r4 39	0 35
28	We	s7 26	1 1	5 13	s7 21	0 59	2 11	s7 16	0 58
29	Th	r4 27	1 20	6 2	r4 32	1 19	3 0	r4 38	1 19
30	Fr	s7 28	1 37	6 48	s7 23	1 37	3 46	s7 17	1 39
31	Sa	r4 26	1 55	7 36	r4 31	1 57	4 33	r4 37	1 59

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
New Moon	4d. 2h. 57m. p.m.	4d. 1h. 57m. p.m.
First Quarter	11d. 11h. 37m. a.m.	11d. 10h. 37m. a.m.
Full Moon	18d. 0h. 54m. p.m.	18d. 11h. 54m. a.m.
Last Quarter	26d. 0h. 41m. p.m.	26d. 11h. 41m. a.m.

1913		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. *h. m.*	Moon R. & S. *h. m.*	Bost. Tide. Morn'g	Sun R. & S. *h. m.*	Moon R. & S. *h. m.*	N. Y. Tide. Morn'g	Sun R. & S. *h. m.*	Moon R. & S. *h. m.*
1	S	r4 26	2 15	8 23	r4 31	2 18	5 20	r4 36	2 22
2	Mo	s7 30	2 38	9 11	s7 25	2 42	6 8	s7 19	2 47
3	Tu	r4 25	3 6	9 59	r4 30	3 11	6 57	r4 36	3 18
4	We	s7 32	sets	10 48	s7 26	sets	7 44	s7 21	sets
5	Th	r4 24	9 7	11 37	r4 29	9 0	8 33	r4 35	8 52
6	Fr	s7 33	10 2	0 2	s7 28	9 55	9 27	s7 22	9 48
7	Sa	r4 23	10 46	0 55	r4 29	10 40	10 18	r4 34	10 34
8	S	s7 34	11 22	1 48	s7 29	11 17	11 9	s7 23	11 13
9	Mo	r4 23	11 50	2 40	r4 28	11 47	.....	r4 34	11 45
10	Tu	s7 36	morn	3 32	s7 30	morn	0 30	s7 24	morn
11	We	r4 22	0 14	4 25	r4 28	0 12	1 24	r4 34	0 12
12	Th	s7 37	0 36	5 21	s7 31	0 36	2 19	s7 25	0 37
13	Fr	r4 22	0 57	6 19	r4 28	0 58	3 17	r4 34	1 0
14	Sa	s7 38	1 20	7 17	s7 32	1 23	4 14	s7 26	1 26
15	S	r4 22	1 46	8 14	r4 28	1 50	5 11	r4 34	1 55
16	Mo	s7 38	2 17	9 9	s7 33	2 22	6 7	s7 27	2 29
17	Tu	r4 22	2 55	10 4	r4 28	3 1	7 2	r4 34	3 9
18	We	s7 39	rises	10 57	s7 33	rises	7 51	s7 27	rises
19	Th	r4 23	9 6	11 45	r4 28	8 59	8 41	r4 34	8 52
20	Fr	s7 40	9 46	0 9	s7 34	9 40	9 30	s7 28	9 34
21	Sa	r4 23	10 17	0 55	r4 29	10 12	10 14	r4 34	10 7
22	S	s7 40	10 43	1 39	s7 34	10 39	10 54	s7 29	10 35
23	Mo	r4 23	11 5	2 20	r4 29	11 2	11 36	r4 35	11 1
24	Tu	s7 40	11 24	2 59	s7 35	11 23	.....	s7 29	11 22
25	We	r4 24	11 42	3 39	r4 30	11 42	0 38	r4 35	11 43
26	Th	s7 40	11 59	4 21	s7 35	morn	1 20	s7 29	morn
27	Fr	r4 25	morn	5 6	r4 30	0 0	2 4	r4 36	0 2
28	Sa.	s7 40	0 17	5 54	s7 35	0 19	2 52	s7 29	0 23
29	S	r4 25	0 38	6 47	r4 31	0 42	3 44	r4 37	0 46
30	Mo	s7 40	1 4	7 41	s7 35	1 9	4 38	s7 29	1 15
..	...	.....	.....	.....	.....	... .	.....	.....	.....

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
New Moon	4d. 0h. 6m. a.m.	3d. 11h. 6m. p.m.
First Quarter . . .	10d. 4h. 37m. p.m.	10d. 3h. 37m. p.m.
Full Moon	18d. 1h. 6m. a.m.	18d. 0h. 6m. a.m.
Last Quarter . . .	26d. 4h. 59m. a.m.	26d. 3h. 59m. a.m.

1913		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. *h. m.*	Moon R. & S. *h. m.*	Bost. Tide. Morn'g	Sun R. & S. *h. m.*	Moon R. & S. *h. m.*	N. Y. Tide. Morn'g	Sun R. & S. *h. m.*	Moon R. & S. *h. m.*
1	Tu	r4 26	1 37	8 38	r4 32	1 43	5 35	r4 38	1 50
2	We	s7 40	2 19	9 36	s7 35	2 26	6 34	s7 29	2 34
3	Th	r4 27	3 14	10 33	r4 33	3 21	7 29	r4 39	3 30
4	Fr	s7 40	sets	11 27	s7 34	sets	8 23	s7 29	sets
5	Sa	r4 29	9 20	.....	r4 34	9 15	9 17	r4 40	9 10
6	S	s7 39	9 51	0 45	s7 34	9 47	10 7	s7 28	9 45
7	Mo	r4 29	10 17	1 34	r4 36	10 15	10 53	r4 41	10 14
8	Tu	s7 38	10 40	2 22	s7 33	10 39	11 41	s7 28	10 40
9	We	r4 31	11 2	3 8	r4 37	11 3	0 6	r4 42	11 5
10	Th	s7 38	11 24	3 57	s7 32	11 26	0 56	s7 27	11 30
11	Fr	r4 33	11 49	4 49	r4 38	11 53	1 47	r4 43	11 57
12	Sa	s7 37	morn	5 47	s7 32	morn	2 45	s7 26	morn
13	S	r4 34	0 18	6 50	r4 39	0 23	3 47	r4 45	0 29
14	Mo	s7 36	0 53	7 52	s7 31	0 59	4 49	s7 25	1 6
15	Tu	r4 36	1 36	8 54	r4 41	1 43	5 51	r4 46	1 52
16	We	s7 34	2 28	9 51	s7 29	2 35	6 49	s7 24	2 44
17	Th	r4 38	3 29	10 44	r4 42	3 36	7 39	r4 48	3 44
18	Fr	s7 33	rises	11 28	s7 28	rises	8 23	s7 23	rises
19	Sa	r4 39	8 46	.....	r4 44	8 42	9 8	r4 49	8 37
20	S	s7 32	9 8	0 30	s7 27	9 5	9 47	s7 22	9 3
21	Mo	r4 41	9 28	1 8	r4 46	9 26	10 23	r4 51	9 25
22	Tu	s7 30	9 46	1 44	s7 25	9 45	10 56	s7 20	9 46
23	We	r4 43	10 3	2 19	r4 47	10 4	11 33	r4 52	10 5
24	Th	s7 28	10 21	2 55	s7 24	10 23	.....	s7 19	10 26
25	Fr	r4 45	10 40	3 34	r4 49	10 43	0 32	r4 54	10 47
26	Sa	s7 26	11 3	4 17	s7 22	11 7	1 16	s7 17	11 13
27	S	r4 47	11 32	5 7	r4 51	11 37	2 6	r4 56	11 44
28	Mo	s7 24	morn	6 4	s7 20	morn	3 1	s7 15	morn
29	Tu	r4 49	0 9	7 8	r4 53	0 15	4 5	r4 57	0 23
30	We	s7 22	0 57	8 16	s7 18	1 4	5 12	s7 13	1 13
31	Th	r4 51	1 59	9 20	r4 55	2 6	6 18	r4 59	2 15

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
New Moon	2d. 7h. 58m. a.m.	2d. 6h. 58m. a.m.
First Quarter	8d. 11h. 3m. p.m.	8d. 10h. 3m. p.m.
Full Moon	16d. 3h. 27m. p.m.	16d. 2h. 27m. p.m.
Last Quarter	24d. 7h. 18m. p.m.	24d. 6h. 18m. p.m.
New Moon	31d. 3h. 38m. p.m.	31d. 2h. 38m. p.m.

1913		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R.& S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R.& S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R.& S. h. m.	Moon R. & S. h. m.
1	Fr	r4 52	3 13	10 21	r4 56	3 19	7 17	r5 0	3 27
2	Sa	s7 19	sets	11 15	s7 15	sets	8 10	s7 11	sets
3	S	r4 54	8 18	.....	r4 58	8 15	9 1	r5 2	8 13
4	Mo	s7 16	8 43	0 27	s7 13	8 42	9 47	s7 8	8 42
5	Tu	r4 56	9 6	1 12	r5 0	9 6	10 30	r5 4	9 8
6	We	s7 14	9 28	1 57	s7 10	9 30	11 14	s7 6	9 33
7	Th	r4 58	9 52	2 41	r5 2	9 55	.....	r5 5	10 0
8	Fr	s7 11	10 19	3 28	s7 8	10 24	0 26	s7 4	10 29
9	Sa	r5 0	10 53	4 22	r5 3	10 59	1 21	r5 7	11 6
10	S	s7 9	11 34	5 25	s7 5	11 41	2 23	s7 2	11 49
11	Mo	r5 2	morn	6 31	r5 5	morn	3 29	r5 9	morn
12	Tu	s7 6	0 23	7 38	s7 3	0 30	4 35	s6 59	0 39
13	We	r5 4	1 20	8 41	r5 7	1 27	5 39	r5 11	1 36
14	Th	s7 3	2 24	9 36	s7 0	2 30	6 34	s6 56	2 38
15	Fr	r5 6	3 31	10 24	r5 9	3 36	7 21	r5 13	3 43
16	Sa	s7 0	rises	11 6	s6 57	rises	7 59	s6 54	rises
17	S	r5 8	7 33	11 41	r5 11	7 31	8 38	r5 15	7 29
18	Mo	s6 57	7 50	.....	s6 54	7 49	9 14	s6 51	7 49
19	Tu	r5 11	8 8	0 33	r5 13	8 8	9 47	r5 16	8 9
20	We	s6 54	8 26	1 6	s6 51	8 27	10 20	s6 49	8 30
21	Th	r5 13	8 45	1 40	r5 15	8 48	10 52	r5 18	8 51
22	Fr	s6 51	9 6	2 16	s6 48	9 10	11 30	s6 46	9 15
23	Sa	r5 15	9 31	2 55	r5 17	9 36	.....	r5 20	9 42
24	S	s6 48	10 4	3 39	s6 45	10 10	0 38	s6 43	10 18
25	Mo	r5 17	10 47	4 32	r5 19	10 54	1 31	r5 22	11 3
26	Tu	s6 45	11 41	5 36	s6 42	11 49	2 34	s6 40	11 57
27	We	r5 19	morn	6 46	r5 21	morn	3 44	r5 24	morn
28	Th	s6 41	0 47	7 59	s6 39	0 54	4 56	s6 38	1 2
29	Fr	r5 21	2 4	9 5	r5 28	2 10	6 2	r5 26	2 17
30	Sa	s6 38	3 27	10 4	s6 36	3 31	7 1	s6 34	3 37
31	S	r5 23	sets	10 55	r5 25	sets	7 50	r5 27	sets

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
First Quarter . . .	7d. 8h. 6m. a.m.	7d. 7h. 6m. a.m.
Full Moon	15d. 7h. 46m. a.m.	15d. 6h. 46m. a.m.
Last Quarter . . .	23d. 7h. 30m. a.m.	23d. 6h. 30m. a.m.
New Moon	29d. 11h. 57m. p.m.	29d. 10h. 57m. p.m.

1913		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. *h. m.*	Moon R. & S. *h. m.*	Bost. Tide. Morn'g	Sun R. & S. *h. m.*	Moon R. & S. *h. m.*	N. Y. Tide. Morn'g	Sun R. & S. *h. m.*	Moon R. & S. *h. m.*
1	Mo	r5 24	7 6	11 40	r5 26	7 6	8 36	r5 28	7 6
2	Tu	s6 33	7 30	0 1	s6 31	7 31	9 21	s6 29	7 33
3	We	r5 26	7 54	0 45	r5 28	7 57	10 4	r5 30	8 0
4	Th	s6 30	8 21	1 29	s6 28	8 25	10 47	s6 26	8 30
5	Fr	r5 29	8 53	2 16	r5 30	8 59	11 36	r5 32	9 5
6	Sa	s6 26	9 32	3 5	s6 25	9 39	0 3	s6 23	9 46
7	S	r5 31	10 19	4 2	r5 32	10 26	1 1	r5 34	10 35
8	Mo	s6 23	11 14	5 7	s6 22	11 21	2 5	s6 20	11 30
9	Tu	r5 33	morn	6 15	r5 34	morn	3 13	r5 35	morn
10	We	s6 19	0 16	7 21	s6 18	0 23	4 18	s6 17	0 31
11	Th	r5 35	1 22	8 20	r5 36	1 28	5 16	r5 37	1 35
12	Fr	s6 16	2 28	9 10	s6 15	2 33	6 8	s6 14	2 38
13	Sa	r5 37	3 33	9 54	r5 38	3 36	6 52	r5 39	3 41
14	S	s6 12	4 36	10 35	s6 12	4 38	7 30	s6 11	4 41
15	Mo	r5 39	rises	11 8	r5 40	rises	8 2	r5 41	rises
16	Tu	s6 9	6 32	11 41	s6 8	6 33	8 37	s6 8	6 35
17	We	r5 41	6 50	.....	r5 42	6 52	9 12	r5 42	6 56
18	Th	s6 5	7 10	0 30	s6 5	7 13	9 46	s6 4	7 18
19	Fr	r5 43	7 34	1 6	r5 44	7 39	10 20	r5 44	7 45
20	Sa	s6 2	8 4	1 44	s6 1	8 10	10 59	s6 1	8 17
21	S	r5 46	8 41	2 27	r5 46	8 48	11 46	r5 46	8 56
22	Mo	s5 58	9 29	3 14	s5 58	9 37	0 13	s5 58	9 45
23	Tu	r5 48	10 29	4 12	r5 48	10 36	1 11	r5 48	10 45
24	We	s5 55	11 40	5 19	s5 55	11 46	2 17	s5 55	11 54
25	Th	r5 50	morn	6 30	r5 50	morn	3 28	r5 50	morn
26	Fr	s5 51	0 58	7 40	s5 51	1 3	4 36	s5 51	1 10
27	Sa	r5 52	2 19	8 43	r5 52	2 23	5 40	r5 52	2 27
28	S	s5 48	3 40	9 37	s5 48	3 42	6 36	s5 48	3 45
29	Mo	r5 54	5 1	10 27	r5 54	5 1	7 24	r5 53	5 3
30	Tu	s5 44	sets	11 13	s5 45	sets	8 7	s5 45	sets
..	...	.....	.....	.....	.....	.....	.....	.....	.....

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
First Quarter	6d. 8h. 46m. p.m.	6d. 7h. 46m. p.m.
Full Moon	15d. 1h. 7m. a.m.	15d. 0h. 7m. a.m.
Last Quarter	22d. 5h. 53m. p.m.	22d. 4h. 53m. p.m.
New Moon	29d. 9h. 29m. a.m.	29d. 8h. 29m. a.m.

1913		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R.& S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R.& S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R.& S. h. m.	Moon R. & S. h. m.
1	We	r5 56	6 18	11 56	r5 56	6 21	8 53	r5 55	6 26
2	Th	s5 41	6 49	0 18	s5 41	6 54	9 41	s5 42	7 0
3	Fr	r5 59	7 26	1 6	r5 58	7 32	10 27	r5 57	7 40
4	Sa	s5 37	8 11	1 56	s5 38	8 18	11 17	s5 39	8 27
5	S	r6 1	9 6	2 49	r6 0	9 14	.....	r5 59	9 22
6	Mo	s5 34	10 8	3 46	s5 35	10 15	0 45	s5 36	10 23
7	Tu	r6 3	11 14	4 49	r6 2	11 20	1 47	r6 1	11 27
8	We	s5 31	morn	5 52	s5 32	morn	2 50	s5 33	morn
9	Th	r6 5	0 20	6 52	r6 4	0 25	3 49	r6 3	0 31
10	Fr	s5 27	1 25	7 45	s5 28	1 29	4 42	s5 30	1 34
11	Sa	r6 8	2 28	8 34	r6 6	2 31	5 31	r6 5	2 34
12	S	s5 24	3 30	9 15	s5 25	3 31	6 13	s5 27	3 34
13	Mo	r6 10	4 31	9 54	r6 8	4 31	6 52	r6 7	4 32
14	Tu	s5 21	5 33	10 31	s5 22	5 32	7 27	s5 24	5 31
15	We	r6 13	rises	11 6	r6 11	rises	7 59	r6 9	rises
16	Th	s5 17	5 39	11 41	s5 19	5 43	8 37	s5 21	5 49
17	Fr	r6 15	6 7	.....	r6 13	6 12	9 17	r6 11	6 19
18	Sa	s5 14	6 42	0 38	s5 16	6 48	9 57	s5 18	6 56
19	S	r6 17	7 26	1 22	r6 15	7 33	10 41	r6 13	7 42
20	Mo	s5 11	8 21	2 11	s5 13	8 28	11 31	s5 15	8 37
21	Tu	r6 19	9 27	3 3	r6 17	9 34	.....	r6 15	9 42
22	We	s5 8	10 40	4 0	s5 10	10 46	0 59	s5 13	10 53
23	Th	r6 22	11 57	5 5	r6 19	morn	2 4	r6 17	morn
24	Fr	s5 5	morn	6 10	s5 8	0 1	3 8	s5 10	0 7
25	Sa	r6 24	1 15	7 13	r6 22	1 18	4 10	r6 19	1 22
26	S	s5 2	2 33	8 13	s5 5	2 34	5 10	s5 7	2 37
27	Mo	r6 26	3 51	9 6	r6 24	3 51	6 4	r6 21	3 51
28	Tu	s5 0	5 10	9 57	s5 2	5 8	6 55	s5 5	5 7
29	We	r6 29	sets	10 46	r6 26	sets	7 41	r6 24	sets
30	Th	s4 57	5 18	11 32	s5 0	5 24	8 28	s5 3	5 30
31	Fr	r6 32	6 0	.....	r6 29	6 7	9 20	r6 26	6 15

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION,	CENTRAL DIVISION.
First Quarter . . .	5d. 1h. 34m. p.m.	5d. 0h. 34m. p.m.
Full Moon	13d. 6h. 11m. p.m.	13d. 5h. 11m. p.m.
Last Quarter . . .	21d. 2h. 56m. a.m.	21d. 1h. 56m. a.m.
New Moon	27d. 8h. 41m. p.m.	27d. 7h. 41m. p.m.

1913		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. *h. m.*	Moon R. & S. *h. m.*	Bost. Tide. Morn'g	Sun R. & S. *h. m.*	Moon R. & S. *h. m.*	N. Y. Tide. Morn'g	Sun R. & S. *h. m.*	Moon R. & S. *h. m.*
1	Sa	r6 33	6 52	0 48	r6 30	6 59	10 10	r6 27	7 8
2	S	s4 52	7 52	1 40	s4 56	7 59	11 2	s4 59	8 8
3	Mo	r6 35	8 58	2 34	r6 32	9 4	11 57	r6 29	9 12
4	Tu	s4 50	10 6	3 27	s4 54	10 11	0 25	s4 57	10 18
5	We	r6 38	11 13	4 22	r6 35	11 17	1 21	r6 31	11 22
6	Th	s4 48	morn	5 16	s4 51	morn	2 14	s4 55	morn
7	Fr	r6 40	0 18	6 9	r6 37	0 21	3 7	r6 34	0 25
8	Sa	s4 46	1 20	6 59	s4 49	1 22	3 56	s4 53	1 24
9	S	r6 43	2 21	7 45	r6 39	2 21	4 42	r6 36	2 23
10	Mo	s4 44	3 22	8 30	s4 47	3 21	5 27	s4 51	3 21
11	Tu	r6 45	4 24	9 10	r6 42	4 22	6 8	r6 38	4 21
12	We	s4 41	5 28	9 51	s4 45	5 25	6 49	s4 49	5 22
13	Th	r6 48	6 34	10 34	r6 44	6 29	7 29	r6 40	6 25
14	Fr	s4 40	rises	11 15	s4 43	rises	8 9	s4 47	rises
15	Sa	r6 51	5 25	11 58	r6 46	5 32	8 56	r6 42	5 40
16	S	s4 38	6 16	0 21	s4 42	6 23	9 43	s4 46	6 32
17	Mo	r6 53	7 19	1 9	r6 49	7 26	10 30	r6 45	7 34
18	Tu	s4 36	8 30	2 0	s4 40	8 36	11 21	s4 45	8 43
19	We	r6 55	9 45	2 53	r6 51	9 50	.....	r6 47	9 56
20	Th	s4 35	11 1	3 46	s4 39	11 4	0 45	s4 43	11 9
21	Fr	r6 58	morn	4 43	r6 54	morn	1 42	r6 49	morn
22	Sa	s4 33	0 17	5 42	s4 38	0 19	2 40	s4 42	0 22
23	S	r7 0	1 32	6 41	r6 56	1 32	3 38	r6 51	1 34
24	Mo	s4 32	2 48	7 39	s4 37	2 47	4 36	s4 41	2 46
25	Tu	r7 3	4 6	8 35	r6 58	4 3	5 32	r6 54	4 1
26	We	s4 31	5 25	9 29	s4 36	5 21	6 27	s4 40	5 16
27	Th	r7 5	6 45	10 23	r7 0	6 39	7 20	r6 55	6 33
28	Fr	s4 30	sets	11 16	s4 35	sets	8 11	s4 39	sets
29	Sa	r7 7	5 35	.....	r7 2	5 42	9 5	r6 57	5 51
30	S	s4 29	6 39	0 33	s4 34	6 46	9 56	s4 39	6 54
..	...	.....	.....	.....	.....	.....	.....	.....	.....

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
First Quarter	5d. 9h. 59m. a.m.	5d. 8h. 59m. a.m.
Full Moon	13d. 10h. 0m. a.m.	13d. 9h. 0m. a.m.
Last Quarter	20d. 11h. 16m. a.m.	20d. 10h. 16m. a.m.
New Moon	27d. 9h. 59m. a.m.	27d. 8h. 59m. a.m.

1913		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Mo	r7 9	7 49	1 24	r7 4	7 55	10 44	r6 59	8 2
2	Tu	s4 28	8 59	2 13	s4 34	9 4	11 31	s4 39	9 9
3	We	r7 11	10 5	2 59	r7 6	10 8	.....	r7 1	10 13
4	Th	s4 28	11 8	3 44	s4 33	11 10	0 43	s4 38	11 13
5	Fr	r7 13	morn	4 30	r7 8	morn	1 29	r7 3	morn
6	Sa	s4 28	0 10	5 16	s4 33	0 11	2 14	s4 38	0 13
7	S	r7 15	1 11	6 3	r7 10	1 11	3 1	r7 5	1 11
8	Mo	s4 28	2 12	6 51	s4 33	2 10	3 48	s4 38	2 10
9	Tu	r7 17	3 15	7 38	r7 12	3 12	4 35	r7 7	3 10
10	We	s4 28	4 20	8 28	s4 33	4 16	5 24	s4 38	4 12
11	Th	r7 19	5 27	9 16	r7 14	5 22	6 14	r7 8	5 16
12	Fr	s4 28	6 37	10 6	s4 33	6 31	7 4	s4 39	6 24
13	Sa	r7 21	rises	10 56	r7 16	rises	7 50	r7 10	rises
14	S	s4 28	5 10	11 45	s4 34	5 17	8 41	s4 39	5 26
15	Mo	r7 22	6 21	0 9	r7 17	6 27	9 33	r7 11	6 35
16	Tu	s4 29	7 36	0 59	s4 34	7 41	10 21	s4 40	7 47
17	We	r7 23	8 52	1 50	r7 18	8 56	11 8	r7 13	9 0
18	Th	s4 29	10 7	2 38	s4 35	10 10	11 59	s4 40	10 12
19	Fr	r7 25	11 22	3 26	r7 20	11 23	0 24	r7 14	11 24
20	Sa	s4 30	morn	4 16	s4 36	morn	1 15	s4 41	morn
21	S	r7 26	0 37	5 10	r7 21	0 36	2 9	r7 15	0 36
22	Mo	s4 31	1 52	6 8	s4 37	1 50	3 6	s4 42	1 48
23	Tu	r7 27	3 7	7 9	r7 22	3 4	4 5	r7 16	2 59
24	We	s4 32	4 24	8 10	s4 38	4 19	5 7	s4 43	4 13
25	Th	r7 28	5 41	9 10	r7 22	5 35	6 8	r7 17	5 28
26	Fr	s4 34	6 53	10 9	s4 39	6 46	7 6	s4 44	6 38
27	Sa	r7 29	sets	11 3	r7 23	sets	7 58	r7 18	sets
28	S	s4 35	5 29	11 52	s4 40	5 35	8 48	s4 46	5 43
29	Mo	r7 29	6 39	0 16	r7 24	6 44	9 37	r7 18	6 50
30	Tu	s4 36	7 48	1 1	s4 42	7 52	10 19	s4 47	7 57
31	We	r7 30	8 54	1 44	r7 24	8 57	10 58	r7 19	9 0

Our 46th. Wedding anniversary

Annie Scales' 12th.

Warren returned to night from Concord, N. H.

Col. True Sanborn who came yesterday on his way home to Chichester from N. Y. where he spent Christmas with a son, left at eleven 20. He will be 86 in July

Ther THURS. JAN. 2, 1913 Wea

No Snow

Roscoe & Harold E.
went to Lowell.

Note from Helen Wadleigh who is nearly recovered from her very severe illness an operation for appendicitis

Ther SUN. JAN. 5, 1913 Wea

114

Warren's Father's Birthday

also Roscoe's Father's " 59

Ther TUES. JAN. 7, 1913 Wea

David Lane's Birthday 82

Warren to Concord
a.m. noon.

The telephone has been changed from South wall, to the desk in Library, as we are now on a 2 private line. F. P. Sanborn & ourselves. Our line is now 3 & our Ring 2
Mr Sanborn's 3.3.

Letter from Emma L.

Ther WED. JAN. 8, 1913 Wea

Warren returned from Concord to night

Ther FRI. JAN. 10, 1913 Wea

Warren took me down to call upon Mrs. Gertie Sanborn. We went in a sleigh. Nov. 11 was the last time I rode out.

I had not been in her house for nearly 3 yrs.

Rain in night

Ther SAT. JAN. 11, 1913 Wea

Dull

Ther SUN. JAN. 12, 1913 Wea

Auntie has been
gone from us 35 yrs

4 Electricians came to finish
putting in the 7 lights
viz: Electrolier in Sitting room
4 lights, 1 in our chamber
1 in upper side hall, 1 in
Mildred's room.

7

Sent B. Co. to Samuel Lane
who is 52

Warren
Settled acct. with Roseve
in full since June 1912.

Ther FRI. JAN. 17, 1913 Wea

Roscoe 32

Bad traveling

Ther SAT. JAN. 18, 1913 Wea

Phillips Eugene Jarvis 2 yr.
Warm, & muddy
roads.

Warren to Exeter
to see Dr. Gerrish.

Sent to Varick's,
Manchester, N.H.
for 4 Ladd Egg Beaters,

Gave Annie, Sadie &
Jenny each 1
Bought
50 letter stamps
100 penny "

Ther SUN. JAN. 19, 1913 Wea

Sarah Marston 58

Ther TUES. JAN. 21, 1913 Wea

Isabelle Evans' 26

I sent a letter to Mrs. Junkins.

Mr. Claflin called for subscriptions to the

Boston Herald	2.50
Homestead	90
	3.40
Christian Herald	1.50
~~Kansas City Star~~	25
McCall's Mag.	30
Needle Craft	10
	2.15
Total	5.55

Pd.

Ther WED. JAN. 22, 1913 Wea

Virginia Tilton 2 yrs

Sent letter to Elmer Adams

Ther THURS. JAN. 23, 1913 Wea

I sent 3 Ladd Egg Beaters
to Ashburnham, Mass by
Parcel Post 10 cts. Pd.
weight 1 lb. 15 oz.)
1 for each of my Nieces.
Gave one to Fanny.

Ther SAT. JAN. 25, 1913 Wea

Warm.
Muddy roads

Warren to Newburyport

Ther SUN. JAN. 26, 1913 Wea

Ther. 46° in a. m.,
50° in p. m

M. R. & P. to church

Arthur called in Evening

Ther MON. JAN. 27, 1913 Wea

Sent letter to Carrie E. Batchelder,

P.O. Box 60 New Salem.
Mass

Ther WED. JAN. 29, 1913 Wea

Warren to Manchester
to Ins. Meeting
and to Concord at night

Ther THURS. JAN. 30, 1913 Wea

W. came from Leonard this morning to Portsmouth and came home to night

Ther SAT. FEB. 1, 1913 Wea

My dear Grandma's
126th. Birthday.

Ther SUN. FEB. 2, 1913 Wea

Our little Pearl is 2 yrs. old

She talks quite plain, Can be a darling, or the reverse. Needs a firm hand to train her, as she is strongly inclined to have her own way.

Arthur called

Arthur gave us a call,

Ther 18° MON. FEB. 3, 1913 Wea

Arthur attending meeting of Selectmen this p.m.

Warren to Boston at 12-45

Command to Snow at 10-50

Pearl is ill, and Dr. Lakesley sent for late in p.m.

Ther TUES. FEB. 4, 1913 Wea

Mrs. Swain came to see Pearl.

New England at the Quincy

Ther WED. FEB. 5, 1913 Wea

Mrs. S. left about noon for a long cold ride, with Stanley Turner in a sleigh

Warren came at 2-11 and at 5 drove to Station for a girl he had hired in Babson, who proved to be Kate Kelly who worked for us 4 wks. in 1901. She left then because "she was lonesome"

Ther THURS. FEB. 6, 1913 Wea

Pearl is better, but is very fretful and hard to please

Ther SUN. FEB. 9, 1913 Wea

R. to Kensington Cong'l
Church, then to S. Hampton

Ther 9° below 0 MON. FEB. 10, 1913 Wea

First time our Ther. has been below 0 this season.

Sent letter to Laura Brown in ans. to one rec'd at Christmas

Sent check 1.25 to the
Macmillan Co. N. Y.
for "The Rich Mrs.
Burgoyne"
By Kathleen Norris.

and

1.00 check to Norcross
of Springfield, mass.
for Stationery.

Fanny 32
f

I sent her B. & O. & 2.00
Mildred sent a loaf of cake
frosted very handsomely
with chocolate & white, f

Ther THURS. FEB. 13, 1913 Wea

Valentine Card
from Helen Wadleigh

Wheels are used
Snow fast
disappearing

Ther FRI. FEB. 14, 1913 Wea

Valentine heard from
Fidele Sanborn

Ther SUN. FEB. 16, 1913 Wea

Arthur and family called,

Ther MON. FEB. 17, 1913 Wea

Drill

Ther TUES. FEB. 18, 1913 Wea

Received letter from
Cousin Nannie B.
She is visiting Mrs. Blake
in Medford, Mass.

Sent Birthday Card to
Laydia Davis, Stratham,
and
John P. Keserve,
Lowell, Mass.

Kate Kelly left
at 11-15 [illegible]
Here 2 wks. ill most
of the time with
asthma

I sent B b. to J. P. Meserve, 69
Lowell
and
same to Lydia Davis 15
N. Hampton

Jen fruit in
2 45¢ cakes 12 in the
4 80 for Roscoe
Total 25

Ther SAT. FEB. 22, 1913 Wea

Rainy all day.

R. went to market
first time this year
Harold being away.

Ther SUN. FEB. 23, 1913 Wea

"Aunt Louise" January 84

Mildred sent her
a B/C.

Ther MON. FEB. 24, 1913 Wea

Dora B. Janvrin 1881

Sent B.D. to her
and
Mrs. L. I. Akerman whose
birthday was the 22nd.

Sent letter to

Miss E. H. Sinclair
40 Front St
Exeter N. H.

Ther WED. FEB. 26, 1913 Wea

Sent a correspondence card to Mrs. E. F. Healey.

Letter from Mabel F

Ther THURS. FEB. 27, 1913 Wea

6 in. snow fell
to day

Ther FRI. FEB. 28, 1913 Wea

Rained all night
neither sleighing
or wheeling

Received card from
Mrs. E. L. H.

Ther SUN. MAR. 2, 1913 Wea

Cousin Nannie is 80
I sent her a card the 28 ult,
also
one to Abbie Weare who is 33

Mrs. Helen and
dau. Martha Beulah

Ther THURS. MAR. 6, 1913 Wea

Rain and snow

Ther SUN. MAR. 9, 1913 Wea

Dear Uncle is 111th Birth=
day.

Ther MON. MAR. 10, 1913 Wea

Wrote to Annie L.

Ther SAT. MAR. 15, 1913 Wea

Horrible Travelling

Ther SUN. MAR. 16, 1913 Wea

Alice A. 48

Sent her a B. C. and usual gift.

12 yrs. since my dear and only sister passed away.

Ther WED. MAR. 19, 1913 Wea

M. & P. went to
Mrs. Lord's

Ther THURS. MAR. 20, 1913 Wea

Rain from 11 a.m.
until bedtime.

17th anniversary of
of Grandma's death
and 2nd of mine.
Wear'd

W. & M. to Norfolk for Easter, leaf for Hard, Easter Returns 9c, 8a.

Ther SUN. MAR. 23, 1913 Wea

Easter

Pleasant.

Fanny and
Miss Morgan called
in the evening.

Ther TUES. MAR. 25, 1913 Wea

Mr. Mrs Larson
dined with us.

Ther WED. MAR. 26, 1913 Wea

Dayton, O. U
flodalist

Ther THURS. MAR. 27, 1913 Wea

Heavy Rain
Flood & Fire
continues in
O. Ill. & Indiana

Ther FRI. MAR. 28, 1913 Wea

Mrs. McRae in
Eureka Hospital

Ther MON. MAR. 31, 1913 Wea

Sent letter to
Sarah Marshall

Ther TUES. APRIL 1, 1913 Wea

Spent the day at
Mrs. L. P. Sanborn's
by invitation.

Ther WED. APRIL 2, 1913 Wea

W. to Leonard
with Pres, Fairchild

Ther THURS. APRIL 3, 1913 Wea

Mildred is 23
She went to the
Dentist at Amesbury

R. to see his
mother who is ill
will return tomorrow
night

Ther SUN. APRIL 6, 1913 Wea

Arthur & family
spend the evening

Letter from
M L Adams

Ther WED. APRIL 9, 1913 Wea

Warren Li Somerset
at noon

Mrs. Forest Brown
and Miss Gertrude
Wilkins called

Ther SUN. APRIL 13, 1913 Wea

Mitchell is just
as old as
Harry was when he
died i.e. 33 yrs. 10 days.

Ther THURS. APRIL 24, 1913 Wea

N. H. Fast Day

Warren in Nashua

Lois is 2 yrs. old.

Ther MON. MAY 5, 1913 Wea

W. To Concord

Ther TUES. MAY 6, 1913 Wea

Mr. returned
at night

Ther THURS. MAY 8, 1913 Wea

Sophy's Birthday

Made 12 pounds soap with 12 lb. grease and 2 cans of lye. (Babbitt's)

Ther TUES. MAY 13, 1913 Wea

Made 12 lbs. soap
with 12 lbs grease and
~~2~~ 4 cans of lye. (Babbitt's)

Very good results.

Ther THURS. MAY 15, 1913 Wea

Wm. Jamison & Father took Arthur, Roscoe and Laurence to Canterbury by auto at 6.30, returned at 7 pm

Ther WED. MAY 21, 1913 Wea

Pleasant

R. to Amesbury to
meet his mother
who returned with him
for a short stay.

Warren to Durham
to the Inauguration of
Pres. E. J. Fairchild of the
N. H. College.

Ther THURS. MAY 22, 1913 Wea Rain

R. & Mrs. Swain drove to So. Hampton in morning returned at dusk.

R. to the vesting in evening to a reception given Rev. Mr. Campbell the new minister.

Ther SAT. MAY 24, 1913 Wea

Rain

Emperor William's daus,
married to

Ther SUN. MAY 25, 1913 Wea

Cool & dull.

Ther MON. MAY 26, 1913 Wea

Mildred & Mrs. Swain
drove to Eyder for Granma

Ther TUES. MAY 27, 1913 Wea

Lelia Lorose 41
Sent B Lb & a letter

Ther WED. MAY 28, 1913 Wea

Mary Chesterman 32

Ther THURS. MAY 29, 1913 Wea

Mrs. Junkins is 60

Ther FRI. MAY 30, 1913 Wea

Grace Knight 32

Ther SUN. JUNE 8, 1913 Wea

Dear Harry's Birthday.

Ther SUN. JUNE 29, 1913 Wea

Eugene Jarvis
died of cirhosis of
the liver

Letter & photo from
M. L. A.

Ther FRI. JULY 4, 1913 Wea

R. came to night
and returned to
beach for the night

Wrote to Annie
thanking her for
my "Wear Ever"
Gift

R came early
this morning

Ther SUN. JULY 6, 1913 Wea

M. F. 42

Ther SUN. JULY 20, 1913 Wea

Arthur's Birthday, 40
Dr. Fosgate's at 54

Ther TUES. JULY 29, 1913 Wea

Warren & I rode to Greenland.

My first ride since Nov. 11-1912

Arthur was our chauffeur and did finely.

Ther THURS. JULY 31, 1913 Wea

Harold Arthur Brown

born at 10 A.M.
weighed 10 lbs.

Ther FRI. AUG. 8, 1913 Wea

W. Warren leaves for Denver to join the Triennial Conclave Knights Templars

Ther SAT. AUG. 9, 1913 Wea

Kenneth Warren Durain
born
at 12-10 Noon
weighed 12 lbs.

Marshall Arthur Shaw
born at the same time
or 20 min, before or after
at Exeter Hospital

Ther SUN. AUG. 10, 1913 Wea

W. at Jackson
Mich.

Ther MON. AUG. 11, 1913 Wea

Warren's 77th Birthday

Rain Denver

bol.

Ther THURS. OCT. 9, 1913 Wea

Miss E. H. Sinclair

Ther MON. NOV. 17, 1913 Wea

My Birthday 72

Ther THURS. NOV. 20, 1913 Wea

Mrs. W 58

54th yr. since
I left Lowell, Mass
for Hampton, N.H.,

Richard Scammon
54 yrs.

Ther SUN. DEC. 7, 1913 Wea

Albe Harris 1831

Ther MON. DEC. 29, 1913 Wea

Ther WED. DEC. 31, 1913 Wea

Have been
confined to the
Quiet Room
3 wks - 6 days

ADDRESSES.

NAME. Mrs. N. W. Brown,
STREET, No. 57 Gale St.,
CITY. Medford, Mass.
TELEPHONE No.

NAME. & Home address
STREET, No. 57 Montvale ave.
CITY. Woburn, Mass
TELEPHONE No.

NAME.
STREET, No.
CITY.
TELEPHONE No.

NAME.
STREET, No.
CITY.
TELEPHONE No.

NAME.
STREET, No.
CITY.
TELEPHONE No.

ADDRESSES.

NAME. Morris Jewelry Co.

STREET, No. 704 15th Street

CITY. Denver, Colo.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

Non-Resident Taxes must be paid on or before December first of this year. Receipts not returned unless postage is sent for same.

NOTICE!
All Taxes assessed upon Polls are due upon presentation of bill.

All Taxes assessed upon Property are due after fourteen days' notice

Tribune Publishing Co., Concord, N. H.

LEVI N. SANBORN, Collector.
P. O. Address, Hampton Falls, N. H.

Hampton Falls, N. H., June 1 1913.

To Sarah G. Brown

The taxes assessed against you in the Town of Hampton Falls for the year 1913, and committed to me for collection, are as follows:—

State, County, Town, School and Highway Taxes,	$ 0.90
Interest,	
Rate $1.20 on a hundred.	
Total,	$

Received Payment,

Hampton Falls, N. H., Dec 3 1913. All Brown for the Collector

By Virtue of State Law, 10 per cent. interest will be collected after Dec. 1, 1913.